

Choose the required circumference and length below. Every unit has its own A3 drawing and PDF bookmark. This register and the drawings are generic product information; the order drawing establishes fabrication details and project working limits.

Circumference	Lay-flat width	Lengths (m)	Drawing IDs	Master PDF pages
4.4 m	2.20 m	5	K-GB-C4p4-L5	2
15 m	7.50 m	20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70	K-GB-C15-L20 to L70	3 to 13
25 m	12.50 m	20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70	K-GB-C25-L20 to L70	14 to 24
30 m	15.00 m	20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70	K-GB-C30-L20 to L70	25 to 35
35 m	17.50 m	20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70	K-GB-C35-L20 to L70	36 to 46
36.6 m	18.30 m	20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70	K-GB-C36p6-L20 to L70	47 to 57
40 m	20.00 m	20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70	K-GB-C40-L20 to L70	58 to 68

Four material options on every drawing

300 Series: standard dewatering fabric. 500 Series: provisional open-weave organics option. 750 Series: higher tensile/puncture resistance with 300 µm O90. 1000 Series: highest listed tensile capacity. Select by filtration trial and structural demand; a larger series number does not automatically suit every slurry.

Ports and dimensions

Standard port counts by bag length: below 25 m = 1; 25-40 m = 2; 45-60 m = 3; 65-75 m = 4. Nominal Ø200 mm sleeves are shown on the top centreline, at 5 m panel midpoints, 2.5 m from the bounding seams/end closures; use each drawing set-out. Finalise port numbers and the filling sequence for the project. Lay-flat width is C / 2, not the filled footprint.

Companion document

Read with Kontainer™ Geobags Technical Data Sheet K-GTB-TDS-001 Rev 4. It contains the full data basis, method qualifications, practical fabric selection, custom-size schedule and operational requirements. The 500 Series values remain provisional pending confirmation.

Custom manufacture

Kontain custom manufactures bags to suit the project. Circumference, length, sleeve arrangement and fabric specification can be adjusted subject to manufacturing and project review.

Fill height and volume - never assume

Never assume a bag's fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

Standard seam arrangement - Rev F

Transverse (circumferential) panel seams at 5 m centres along the nominal length. The 5 m unit has one panel between its end closures. Permit at most one longitudinal body seam, on the underside centreline; no longitudinal seams on the crown or sides.

This arrangement maintains continuous parent geotextile around the crown and sides and reduces longitudinal joints in the hoop-tension load path. Transverse joints transfer axial tension between panels. Higher pumping duty may be possible where verified assembly strength and dewatering performance permit; confirm inlet pressure, flow rate and maximum fill height for each application.

All seams, including the underside seam, remain structural. Confirm MD/CD orientation, seam performance and port reinforcement. Every port centre is at the midpoint of a 5 m panel, 2.5 m from its bounding transverse seams or end closures. Use the revised set-out on each drawing and verify reinforcement clearance.



Kontainer™ Geobags

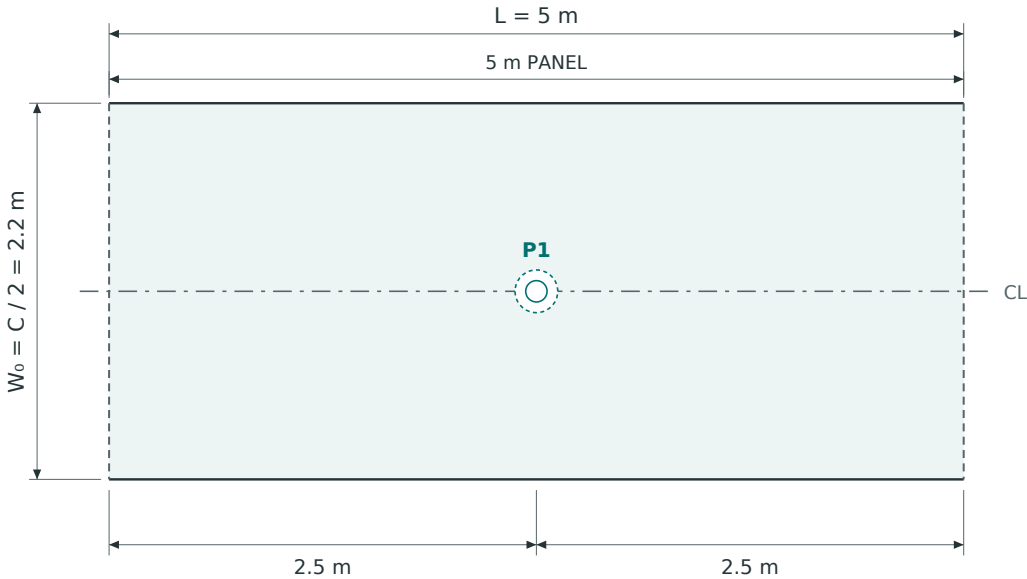
4.4 m circumference × 5 m nominal length

GENERIC PRODUCT DRAWING

A3 | NOT TO SCALE | DIMENSIONS AS NOTED

01 LAY-FLAT PLAN

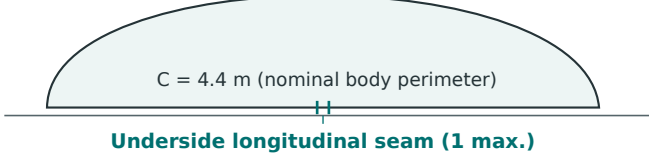
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



1 × Ø200 mm sleeve; top centreline; 5 m panel midpoint. 300 Series selected.

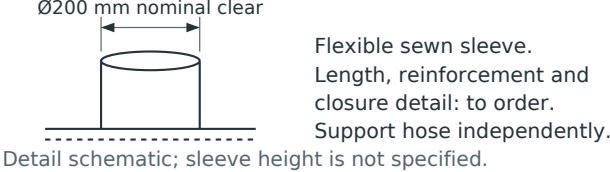
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

The single Ø200 mm sleeve is centred 2.50 m from either end and 1.10 m from either lay-flat side. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C4p4-L5

C 4.4 m × L 5 m | W_0 2.2 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

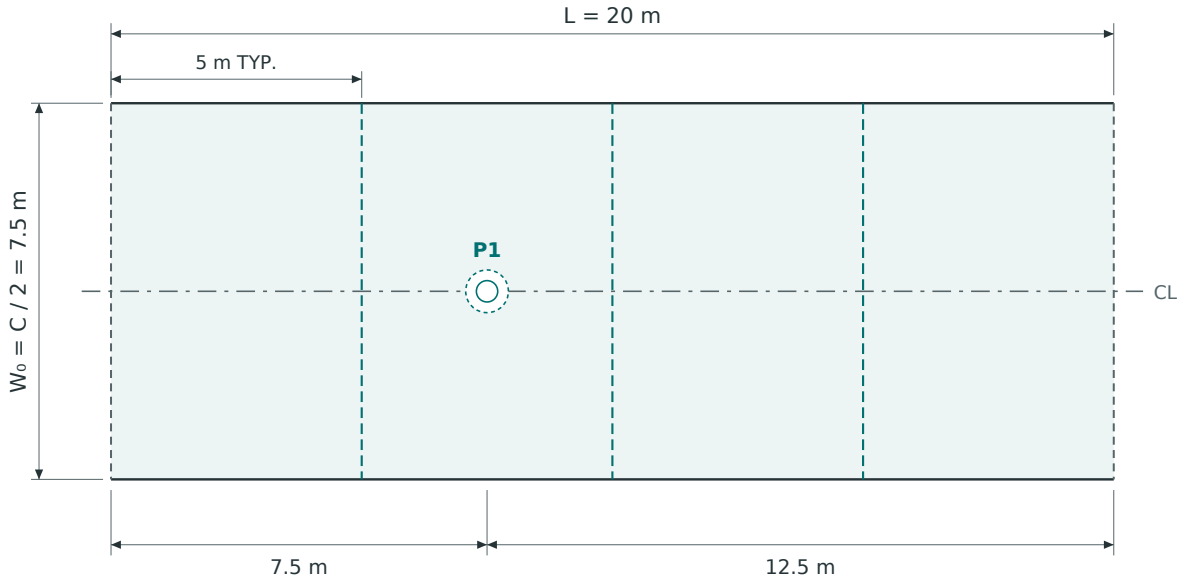
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

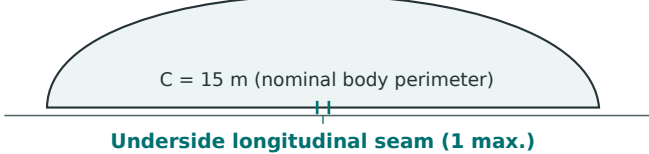
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 1 × Ø200 mm sleeve; top centreline; centred within 5 m panels.

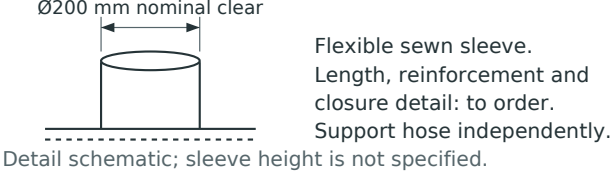
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



Flexible sewn sleeve.
Length, reinforcement and
closure detail: to order.
Support hose independently.

GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C15-L20

C 15 m × L 20 m | W₀ 7.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available



Kontainer™ Geobags

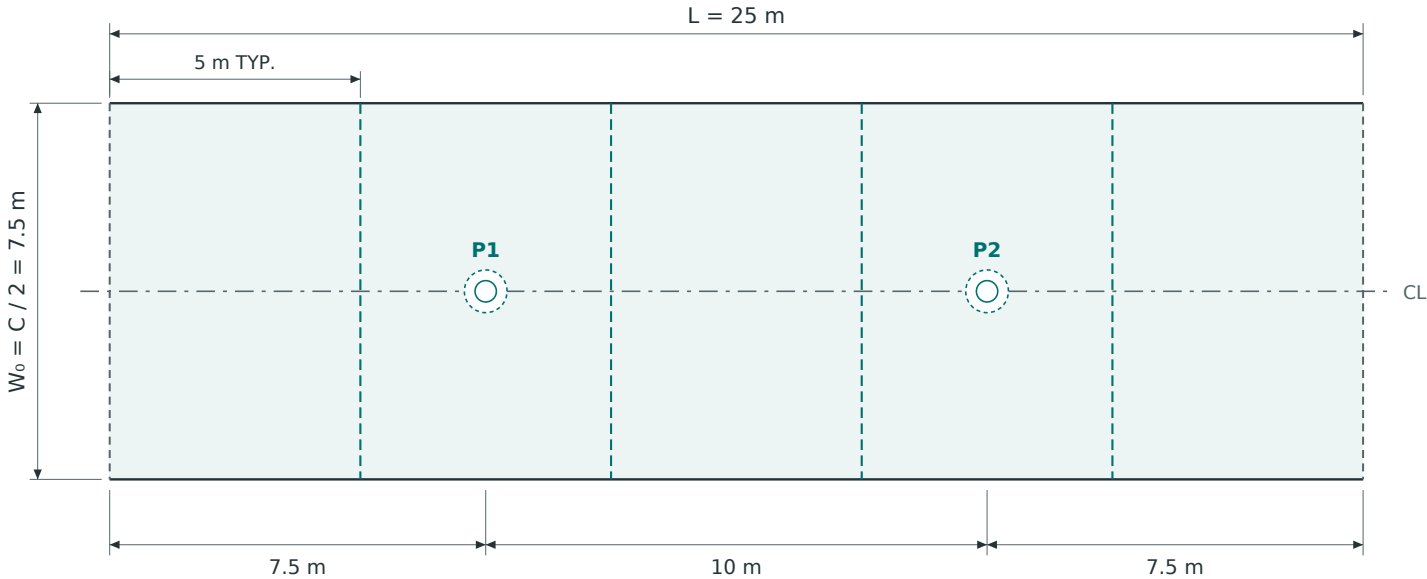
15 m circumference × 25 m nominal length

GENERIC PRODUCT DRAWING

A3 | NOT TO SCALE | DIMENSIONS AS NOTED

01 LAY-FLAT PLAN

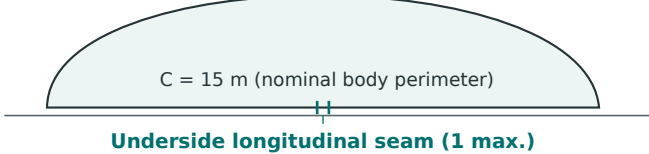
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

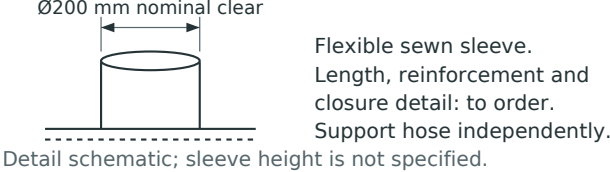
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 17.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C15-L25

C 15 m × L 25 m | W_0 7.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

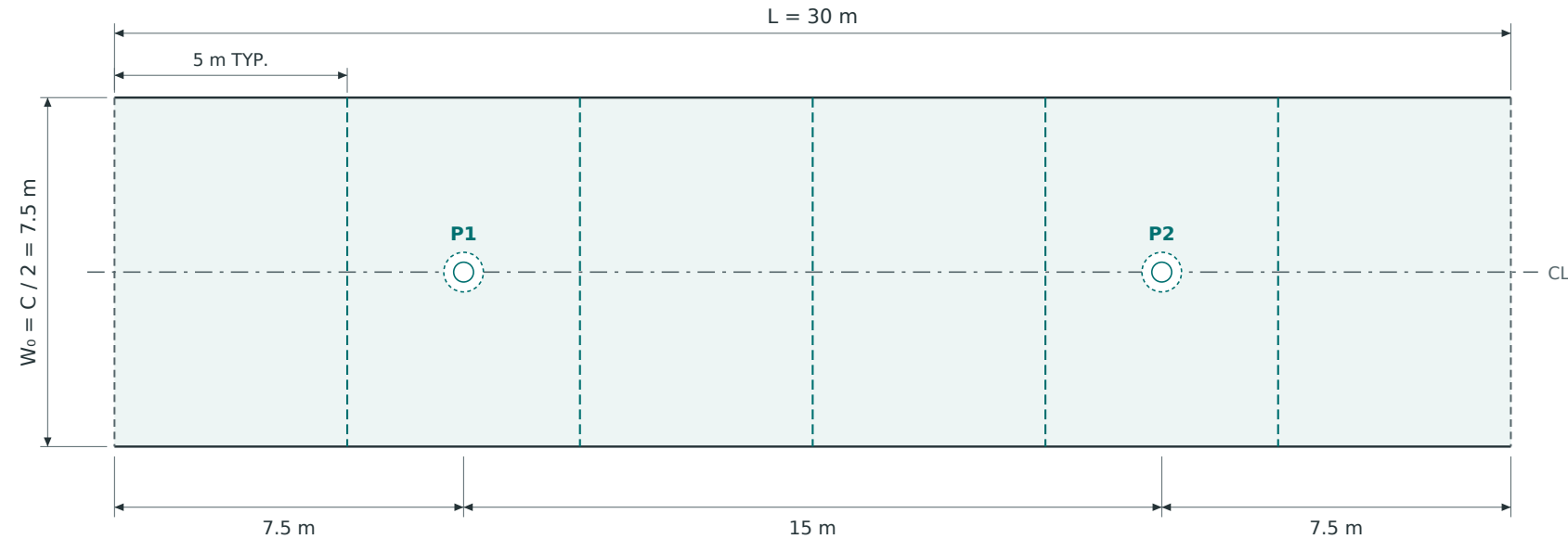


Kontainer™ Geobags

15 m circumference × 30 m nominal length

01 LAY-FLAT PLAN

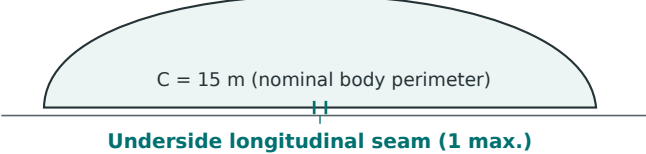
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

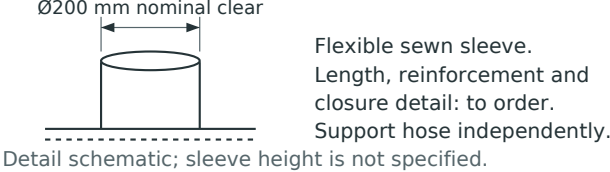
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C15-L30

C 15 m × L 30 m | W_0 7.5 m
GENERAL ARRANGEMENT / PRODUCT SELECTION
Order drawing and working limits to be confirmed.

REV F

14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available



Kontainer™ Geobags

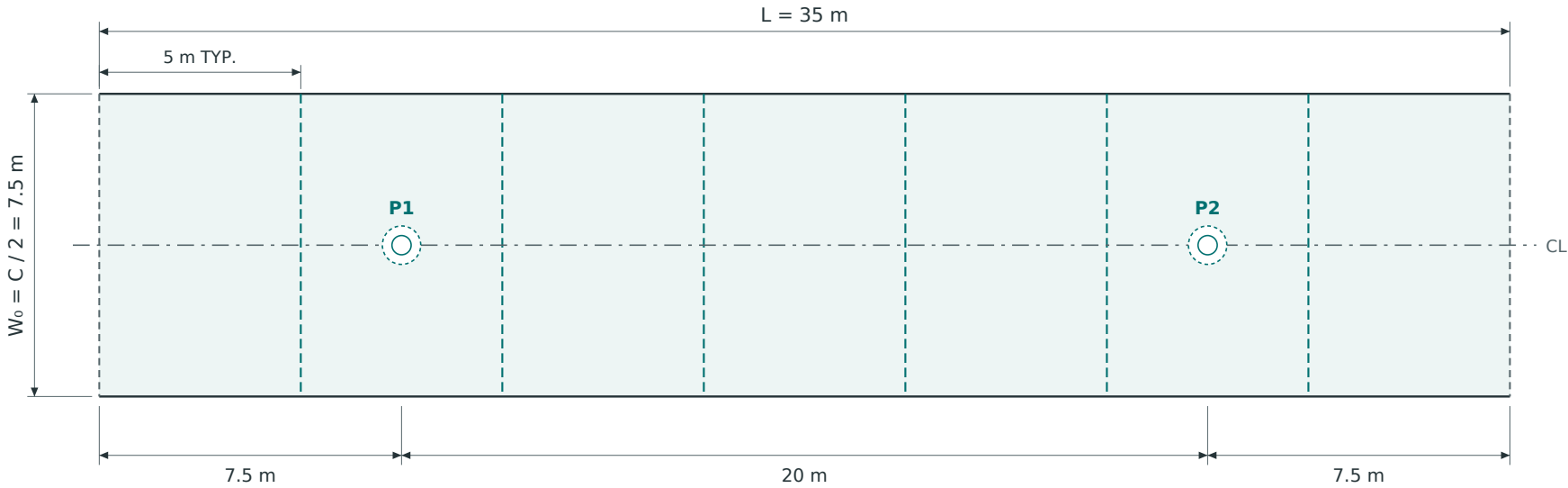
15 m circumference × 35 m nominal length

GENERIC PRODUCT DRAWING

A3 | NOT TO SCALE | DIMENSIONS AS NOTED

01 LAY-FLAT PLAN

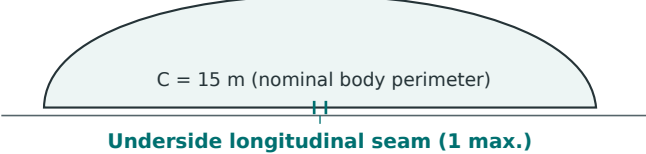
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

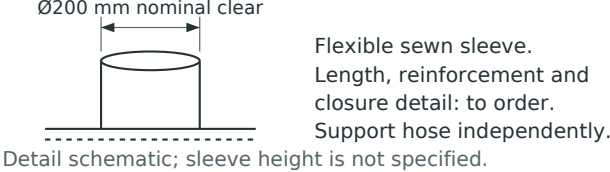
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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ben.lewis@kontainsolutions.com

K-GB-C15-L35

C 15 m × L 35 m | W_0 7.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available



Kontainer™ Geobags

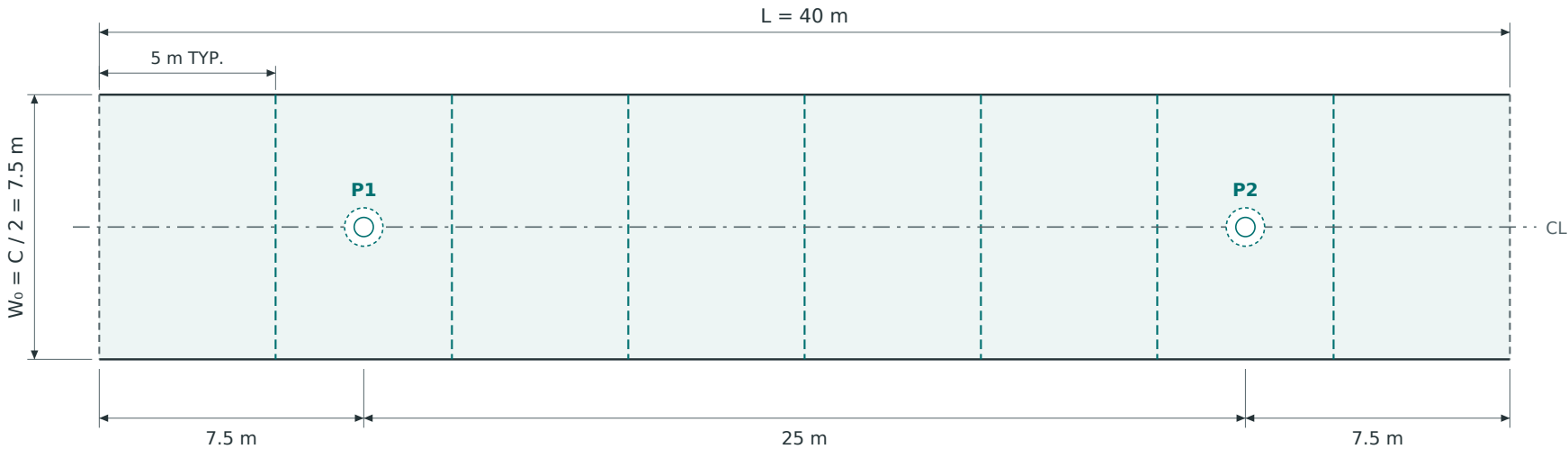
15 m circumference × 40 m nominal length

GENERIC PRODUCT DRAWING

A3 | NOT TO SCALE | DIMENSIONS AS NOTED

01 LAY-FLAT PLAN

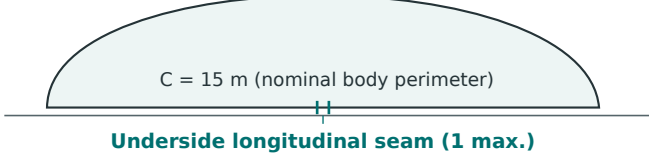
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

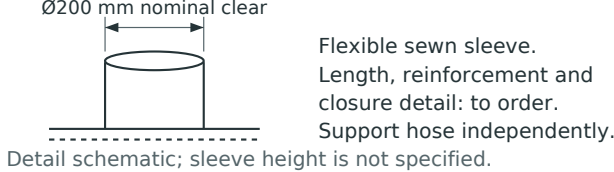
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



Flexible sewn sleeve.
Length, reinforcement and
closure detail: to order.
Support hose independently.

GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m ² /s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 32.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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ben.lewis@kontainsolutions.com

K-GB-C15-L40

C 15 m × L 40 m | W₀ 7.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

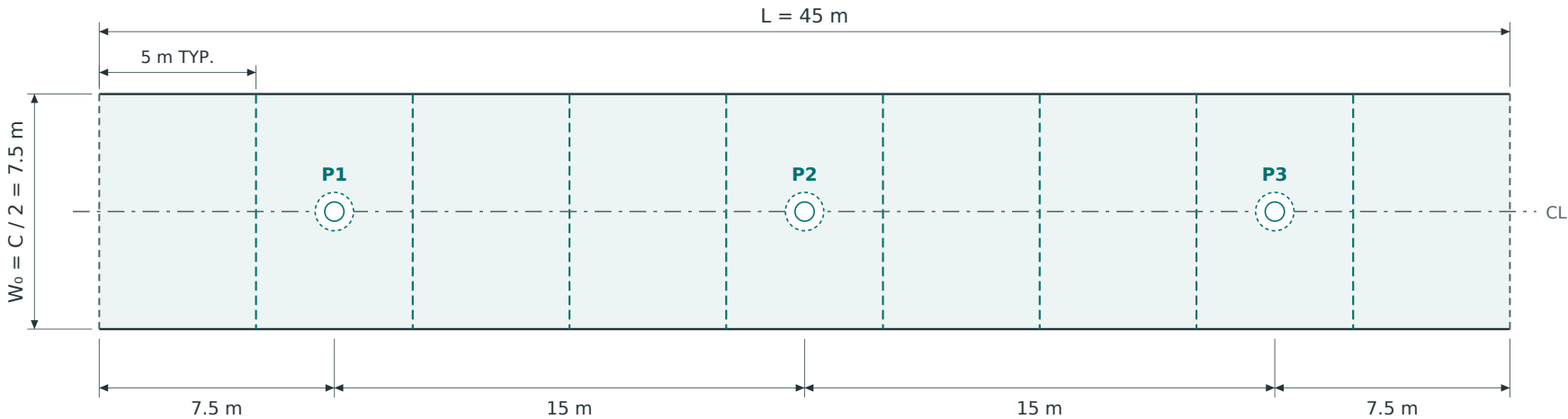
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

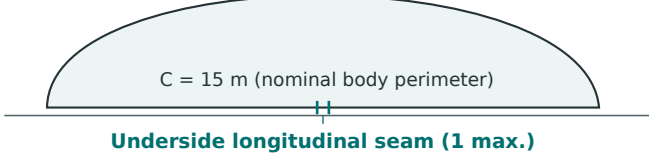
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

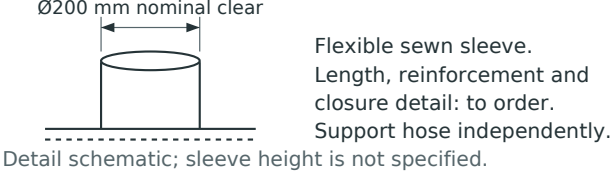
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

- 1** Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5, 37.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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ben.lewis@kontainsolutions.com

K-GB-C15-L45

C 15 m × L 45 m | W₀ 7.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

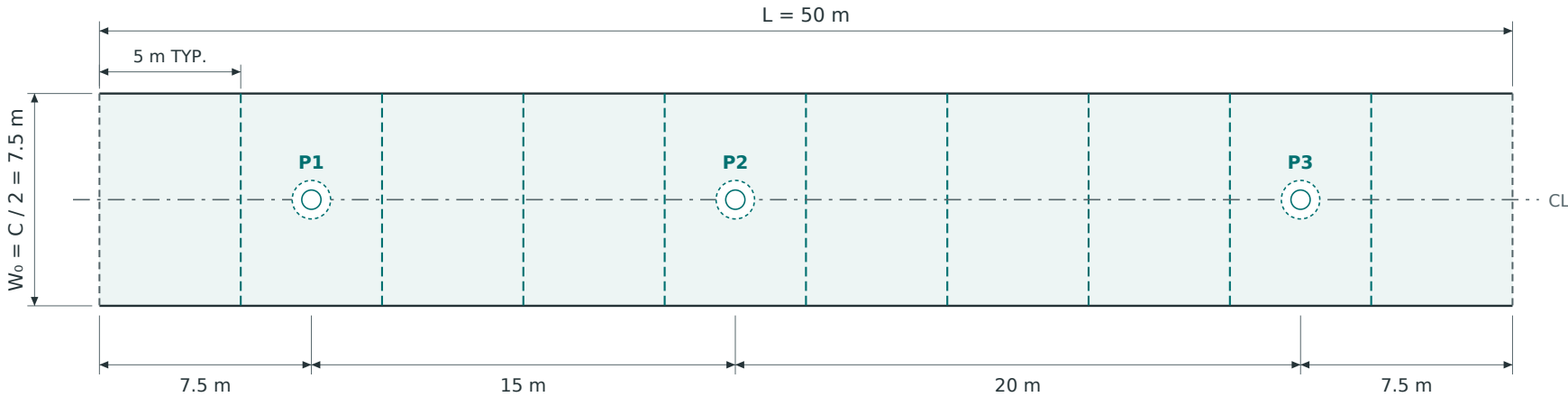
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

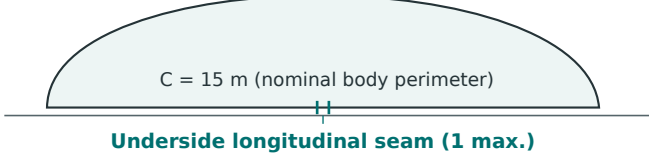
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

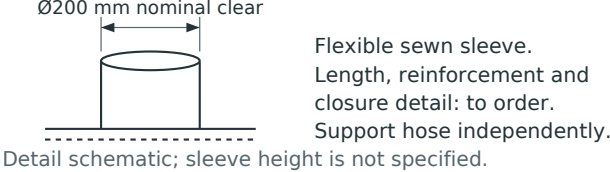
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m ² /s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5, 42.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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ben.lewis@kontainsolutions.com

K-GB-C15-L50

C 15 m × L 50 m | W₀ 7.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available



Kontainer™ Geobags

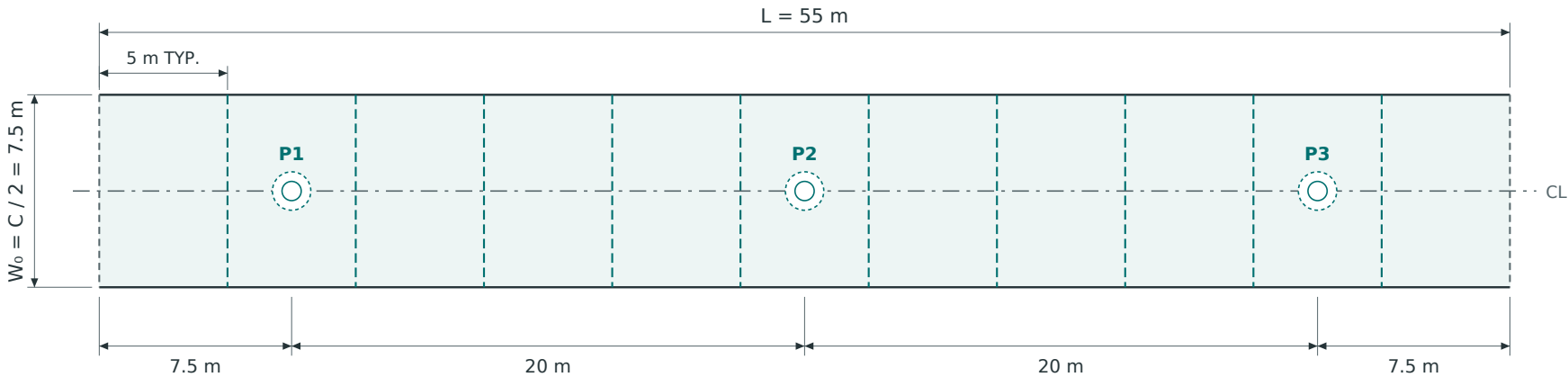
15 m circumference × 55 m nominal length

GENERIC PRODUCT DRAWING

A3 | NOT TO SCALE | DIMENSIONS AS NOTED

01 LAY-FLAT PLAN

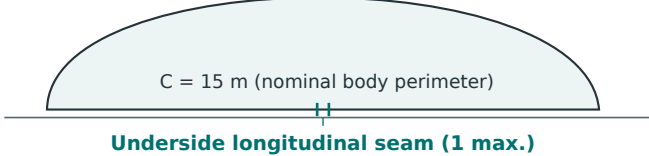
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

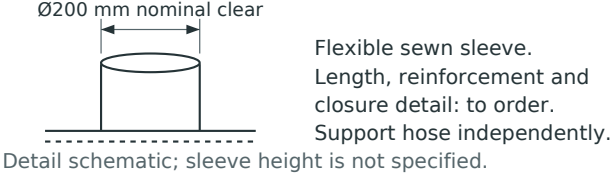
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m ² /s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5, 47.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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ben.lewis@kontainsolutions.com

K-GB-C15-L55

C 15 m × L 55 m | W_0 7.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

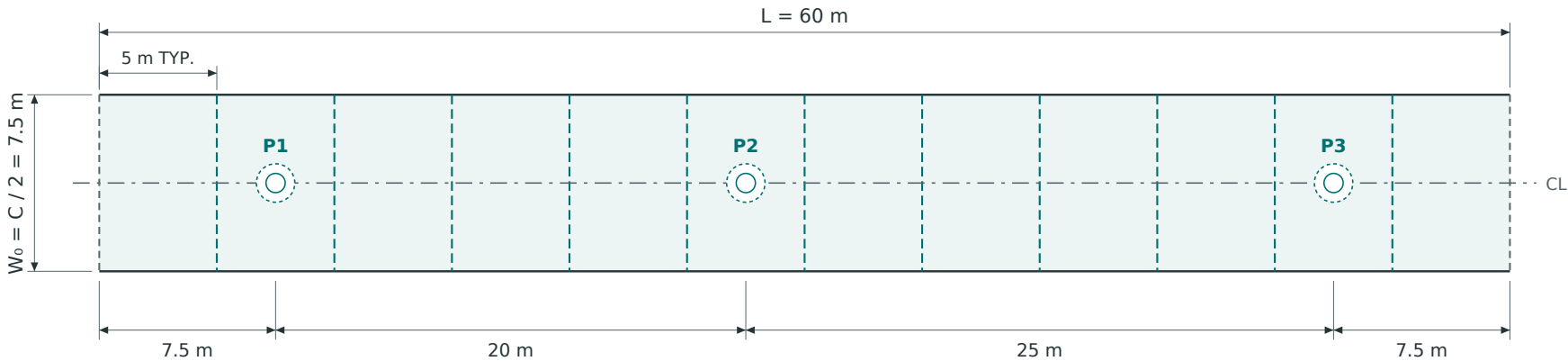
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

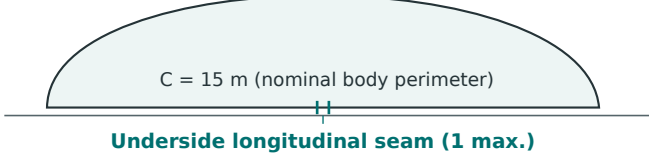
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

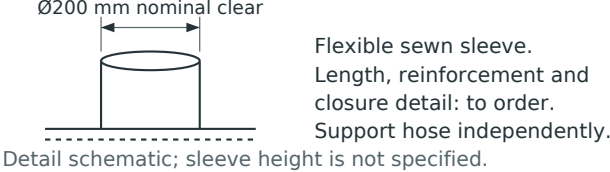
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



Flexible sewn sleeve.
Length, reinforcement and
closure detail: to order.
Support hose independently.

GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5, 52.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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ben.lewis@kontainsolutions.com

K-GB-C15-L60

C 15 m × L 60 m | W₀ 7.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

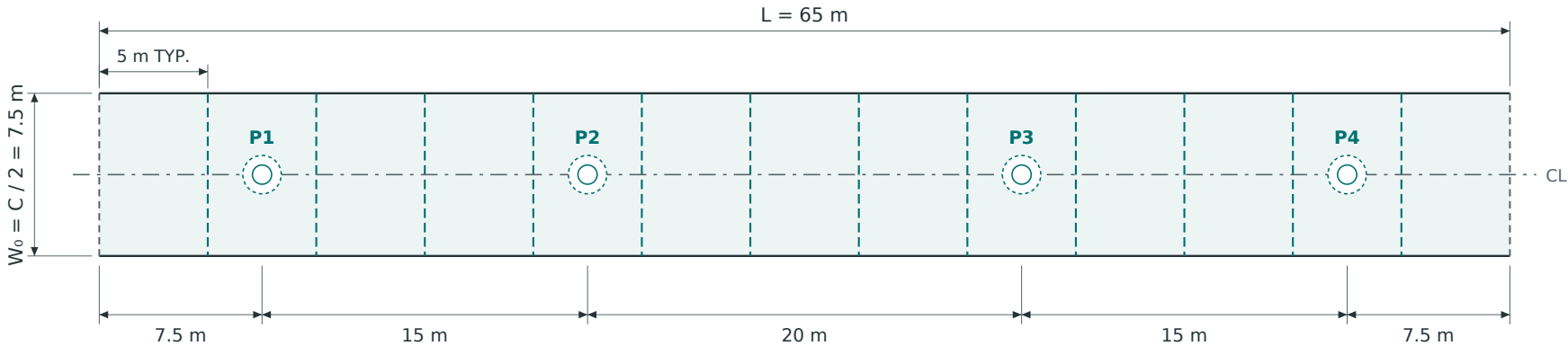
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

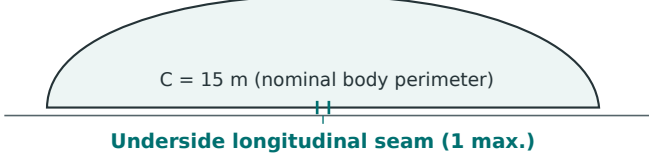
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 4 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

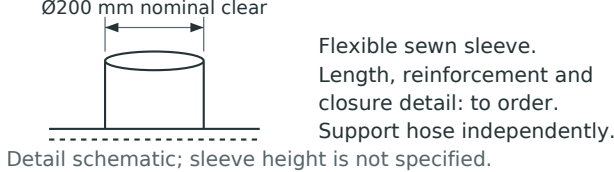
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



Flexible sewn sleeve.
Length, reinforcement and
closure detail: to order.
Support hose independently.

GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5, 42.5, 57.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C15-L65

C 15 m × L 65 m | W_0 7.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available



Kontainer™ Geobags

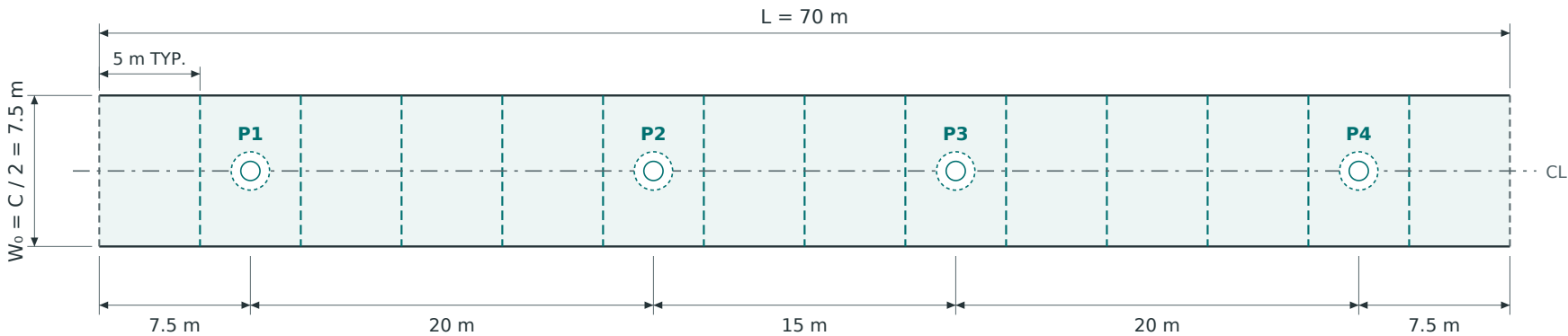
15 m circumference × 70 m nominal length

GENERIC PRODUCT DRAWING

A3 | NOT TO SCALE | DIMENSIONS AS NOTED

01 LAY-FLAT PLAN

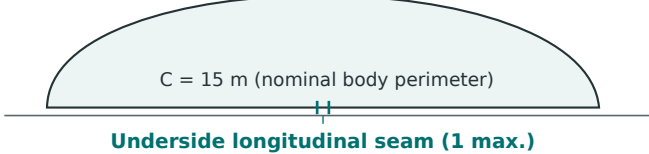
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 4 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

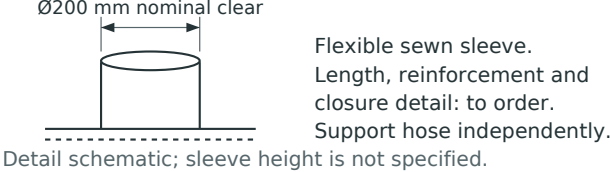
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



Flexible sewn sleeve.
Length, reinforcement and
closure detail: to order.
Support hose independently.

GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m ² /s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5, 42.5, 62.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C15-L70

C 15 m × L 70 m | W₀ 7.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available



Kontainer™ Geobags

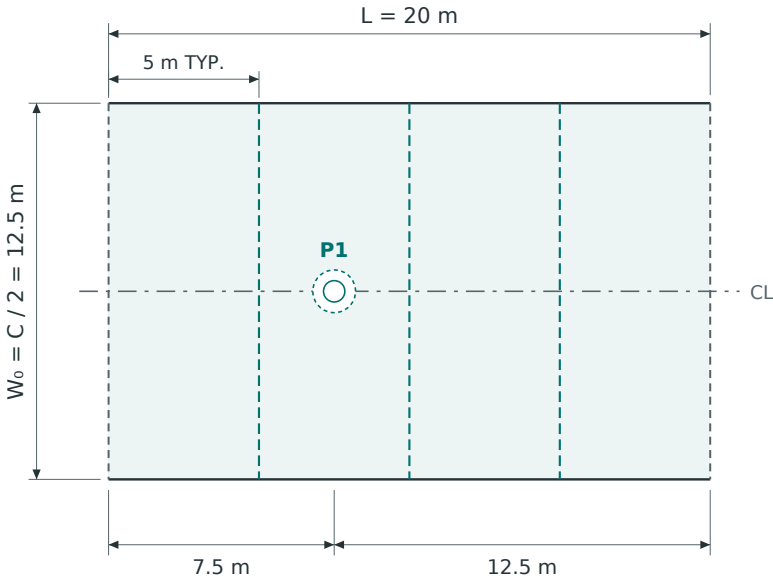
25 m circumference × 20 m nominal length

GENERIC PRODUCT DRAWING

A3 | NOT TO SCALE | DIMENSIONS AS NOTED

01 LAY-FLAT PLAN

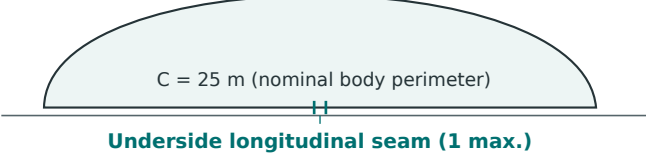
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 1 × Ø200 mm sleeve; top centreline; centred within 5 m panels.

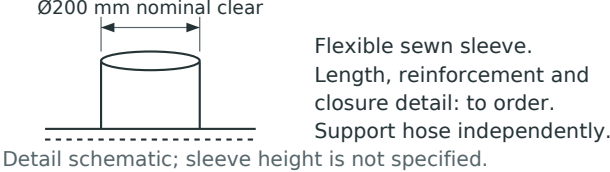
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C25-L20

C 25 m × L 20 m | W_0 12.5 m
GENERAL ARRANGEMENT / PRODUCT SELECTION
Order drawing and working limits to be confirmed.

REV F

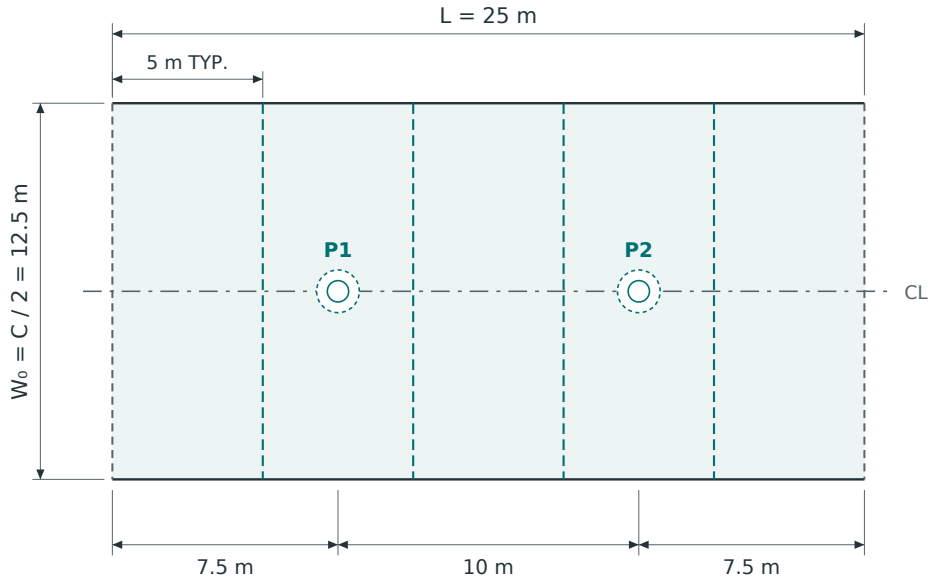
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

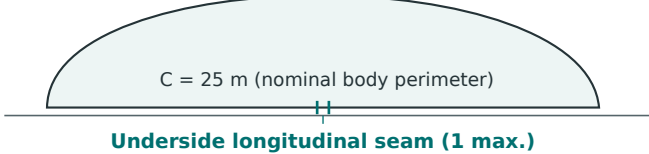
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

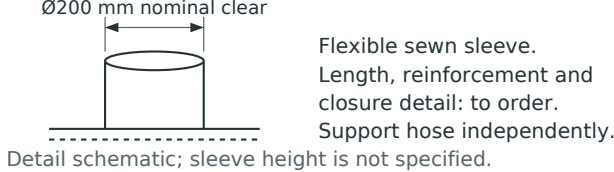
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 17.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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ben.lewis@kontainsolutions.com

K-GB-C25-L25

C 25 m × L 25 m | W₀ 12.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

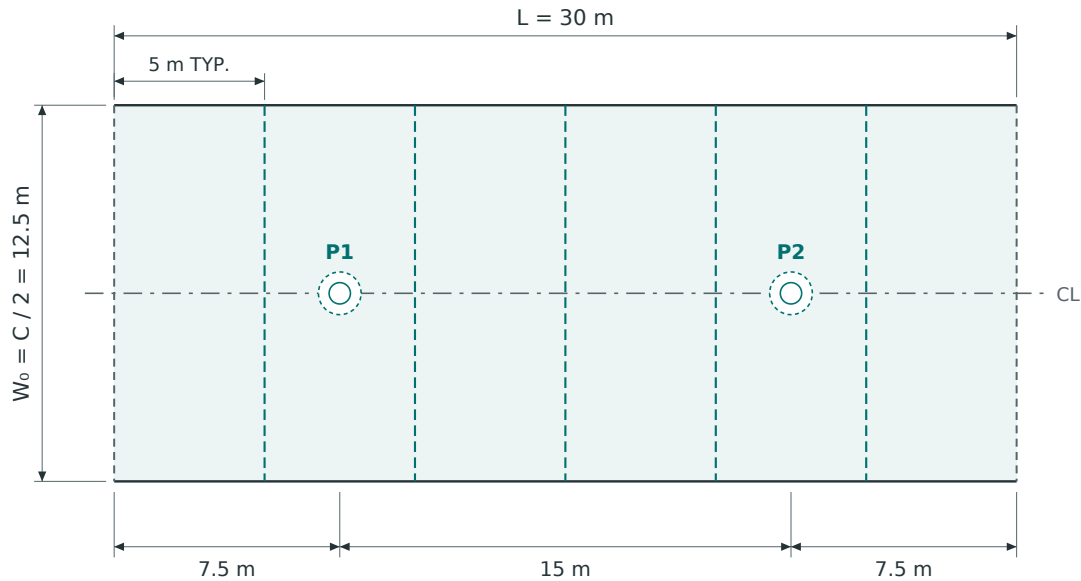
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

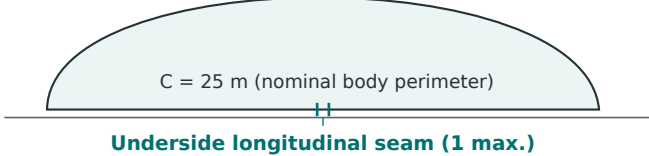
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

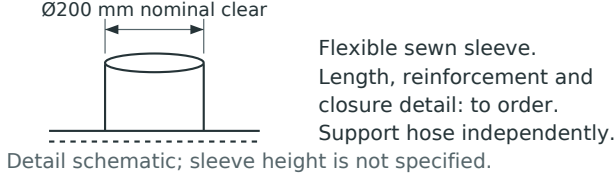
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

- 1** Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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ben.lewis@kontainsolutions.com

K-GB-C25-L30

C 25 m × L 30 m | W_0 12.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

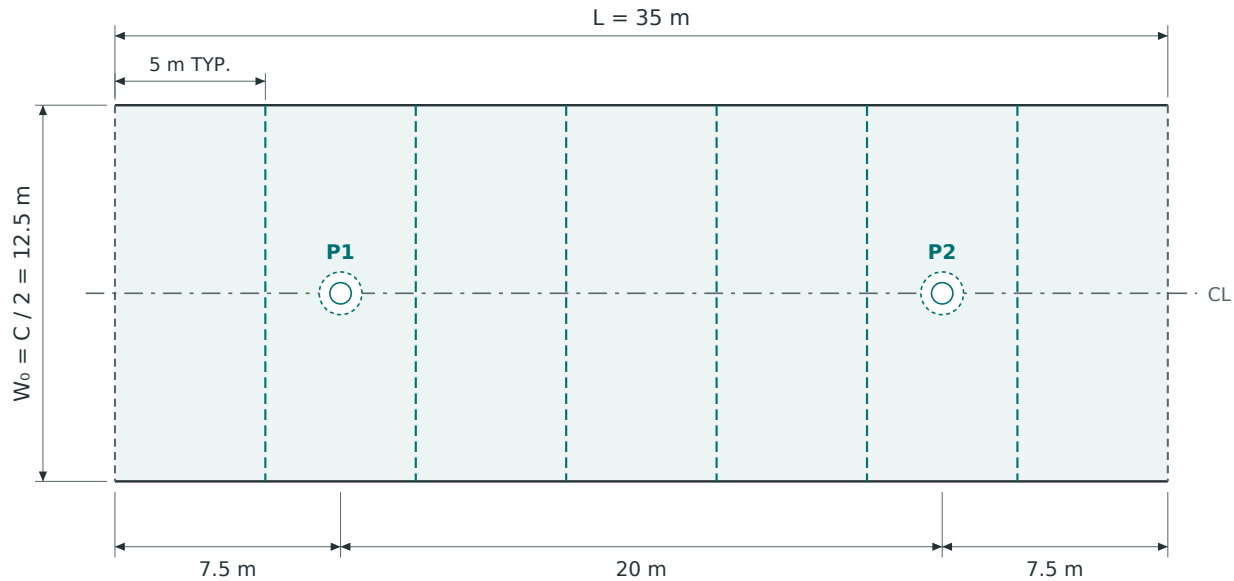
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

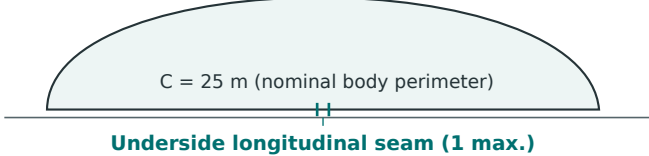
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

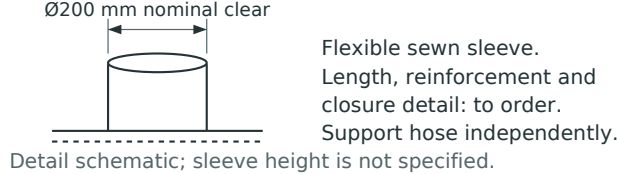
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

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500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

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FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

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K-GB-C25-L35

C 25 m × L 35 m | W_0 12.5 m
GENERAL ARRANGEMENT / PRODUCT SELECTION
Order drawing and working limits to be confirmed.

REV F

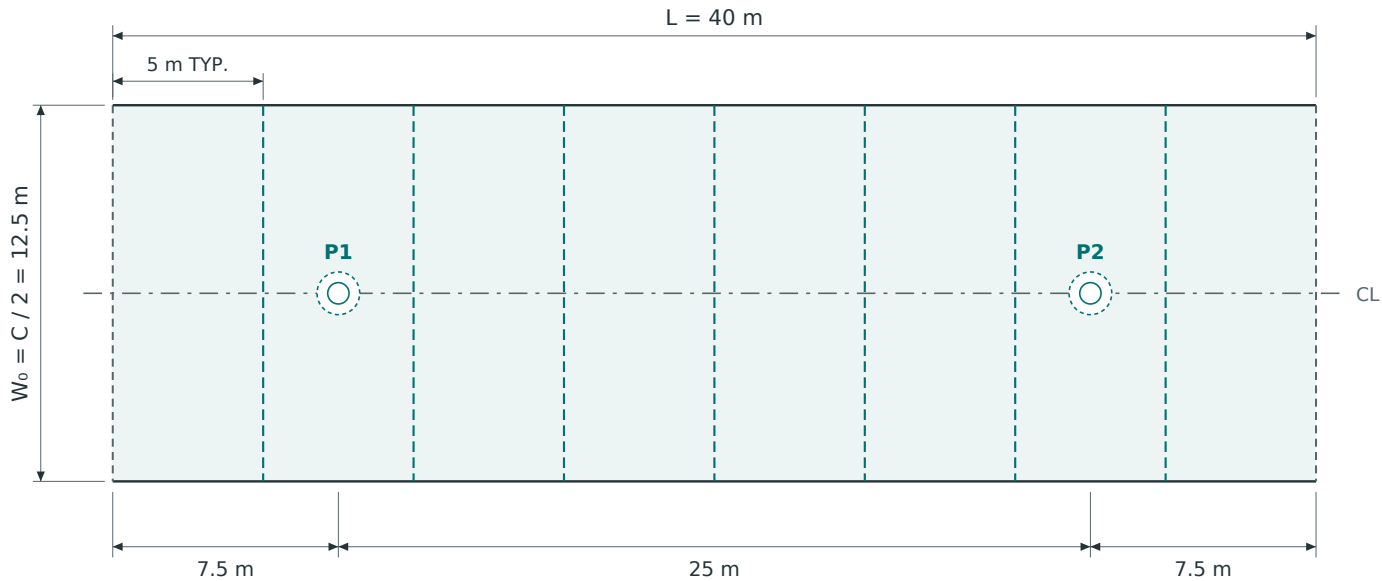
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

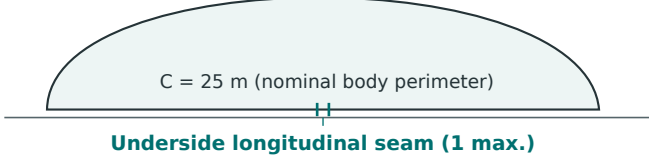
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

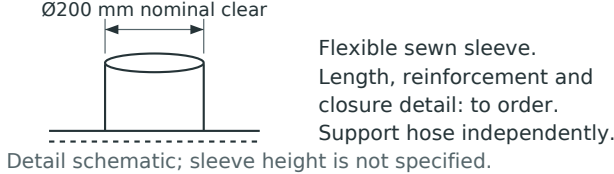
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

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FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

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Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 32.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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ben.lewis@kontainsolutions.com

K-GB-C25-L40

C 25 m × L 40 m | W_0 12.5 m
GENERAL ARRANGEMENT / PRODUCT SELECTION
Order drawing and working limits to be confirmed.

REV F

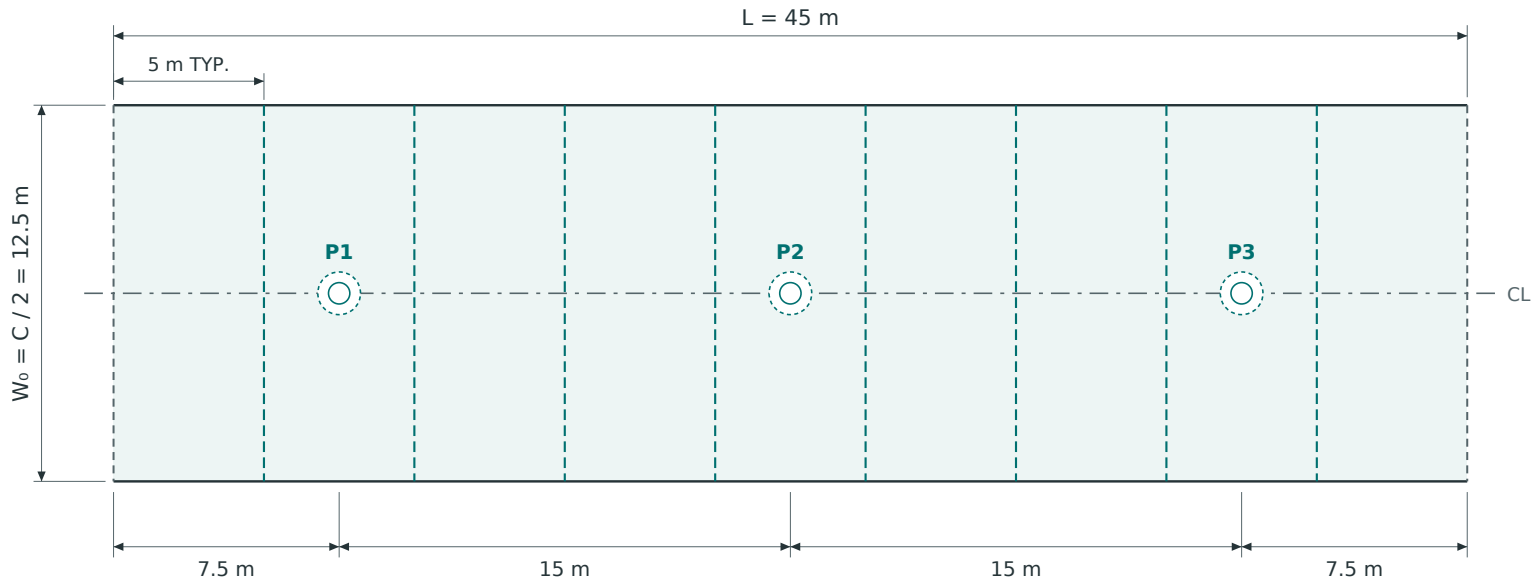
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

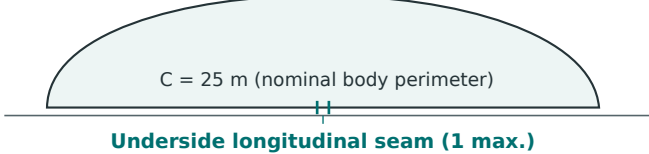
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

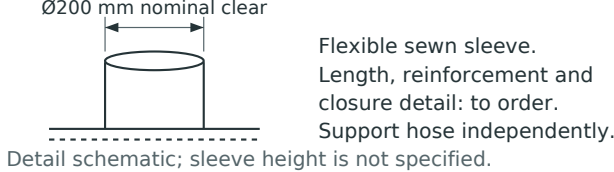
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m ² /s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

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Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5, 37.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

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K-GB-C25-L45

C 25 m × L 45 m | W₀ 12.5 m
GENERAL ARRANGEMENT / PRODUCT SELECTION
Order drawing and working limits to be confirmed.

REV F

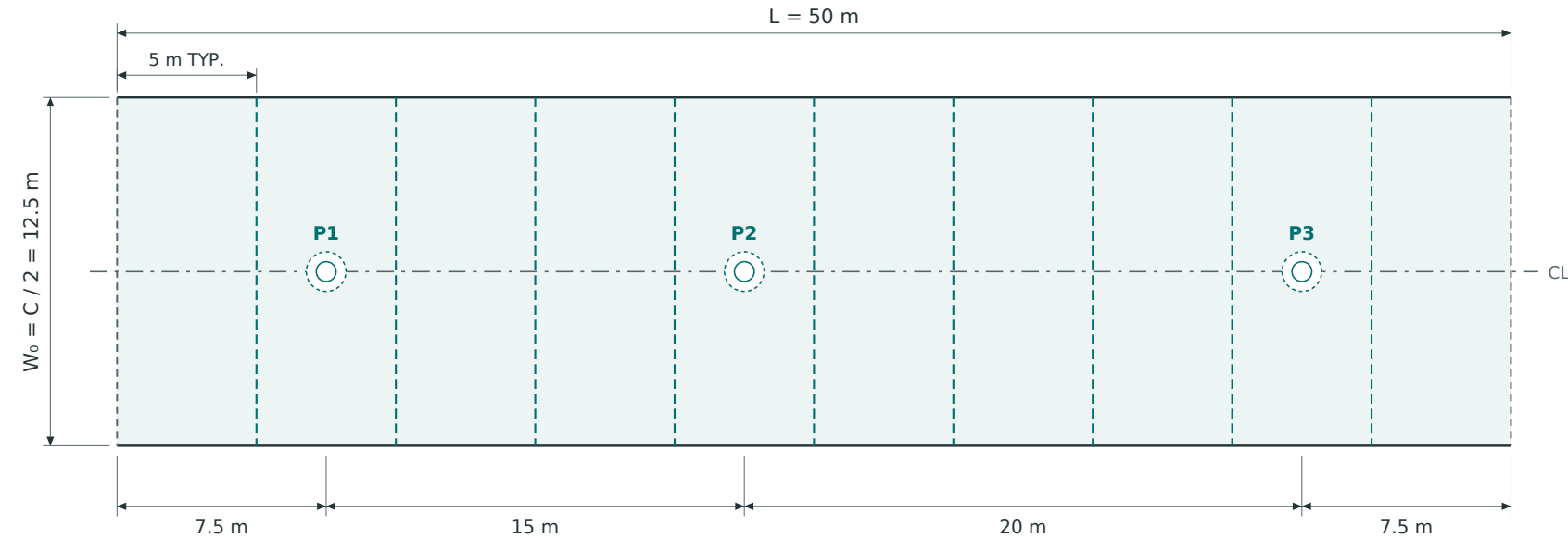
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

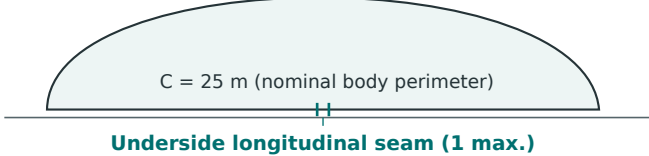
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

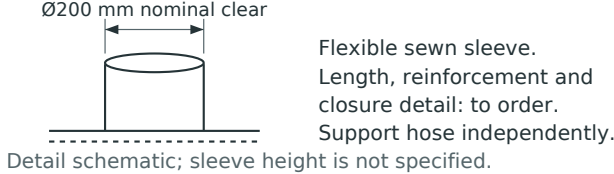
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
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Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
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UV retained ⁴ (%)	>90	>90*	>90	>90
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***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

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- 1** Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
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FABRICATION AND SEAMS

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K-GB-C25-L50

C 25 m × L 50 m | W₀ 12.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available



Kontainer™ Geobags

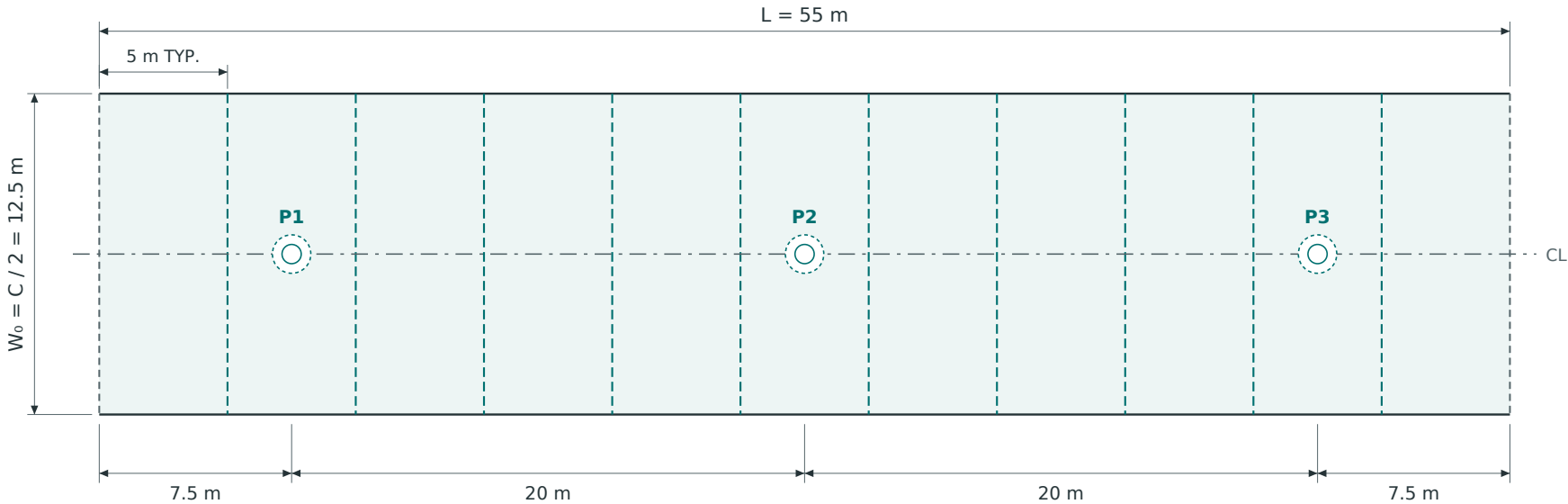
25 m circumference × 55 m nominal length

GENERIC PRODUCT DRAWING

A3 | NOT TO SCALE | DIMENSIONS AS NOTED

01 LAY-FLAT PLAN

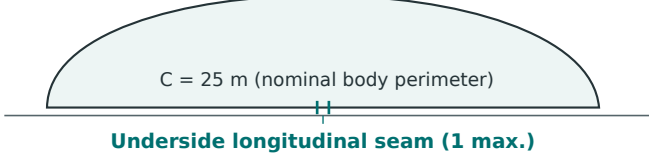
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

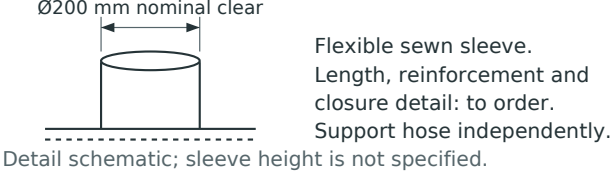
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5, 47.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C25-L55

C 25 m × L 55 m | W_0 12.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

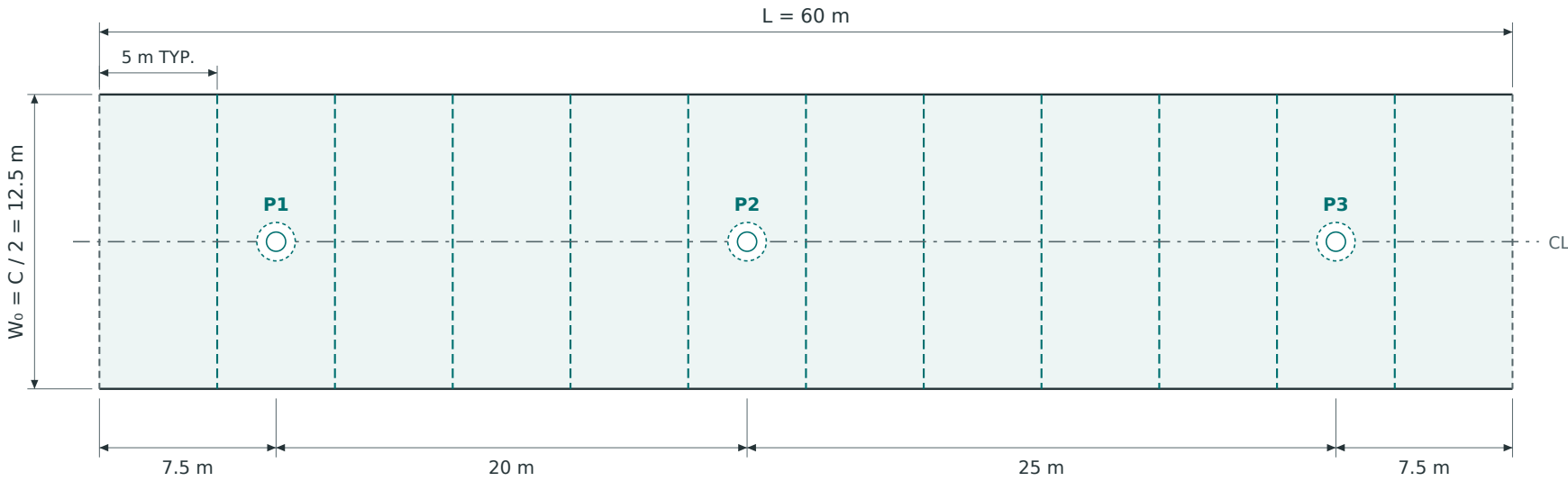
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

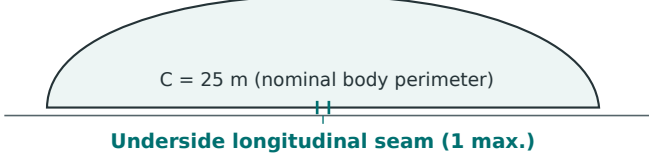
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

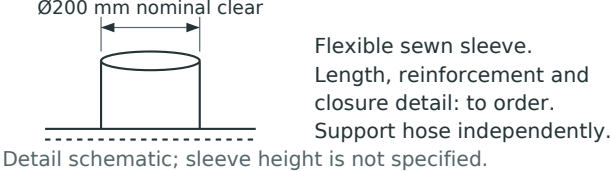
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5, 52.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C25-L60

C 25 m × L 60 m | W₀ 12.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available



Kontainer™ Geobags

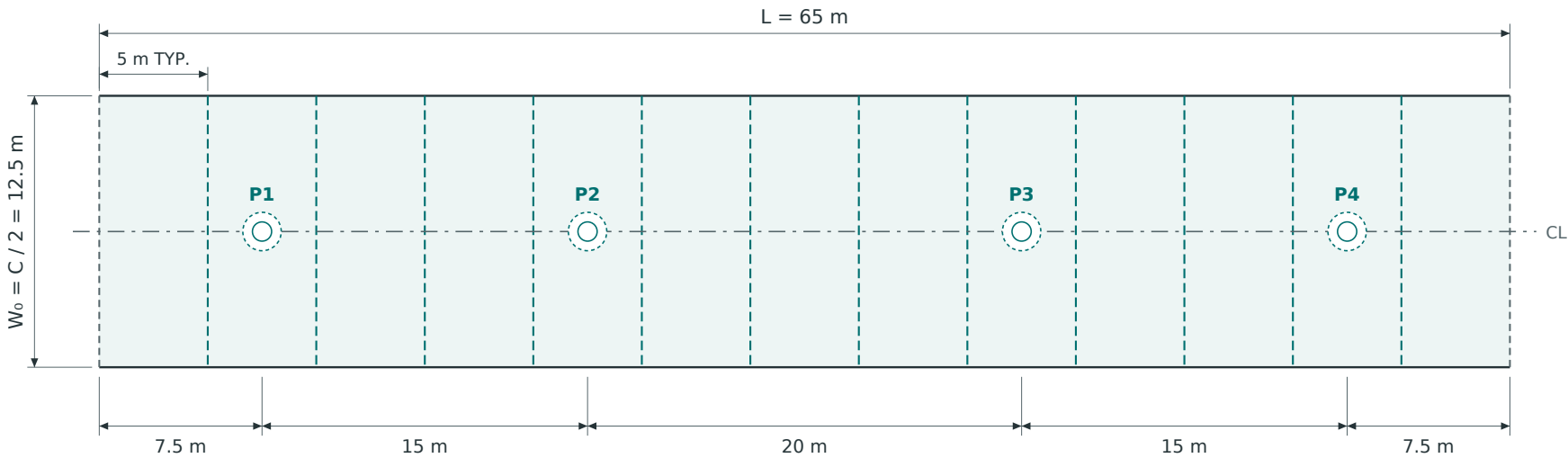
25 m circumference × 65 m nominal length

GENERIC PRODUCT DRAWING

A3 | NOT TO SCALE | DIMENSIONS AS NOTED

01 LAY-FLAT PLAN

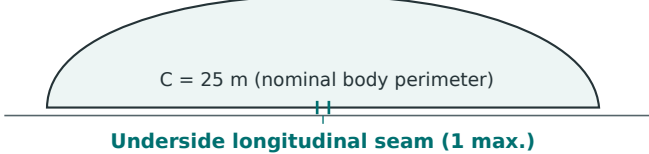
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 4 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

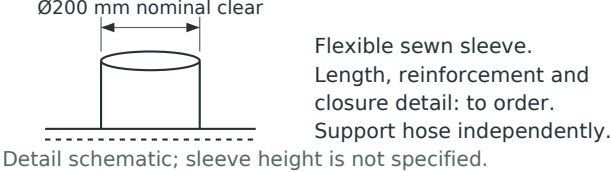
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m ² /s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

- 1** Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5, 42.5, 57.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C25-L65

C 25 m × L 65 m | W₀ 12.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

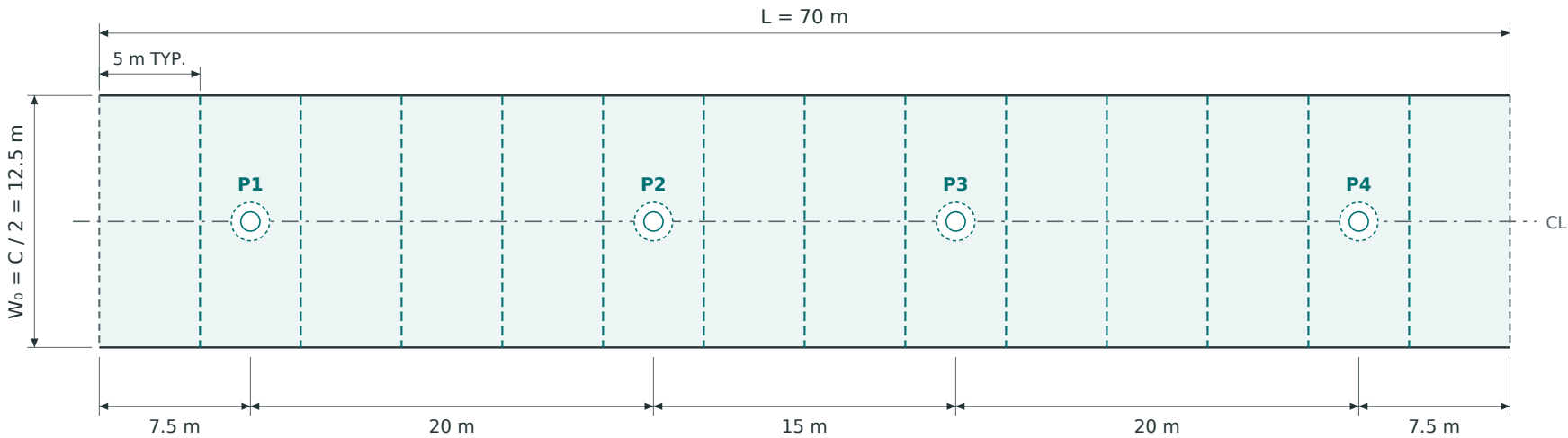
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

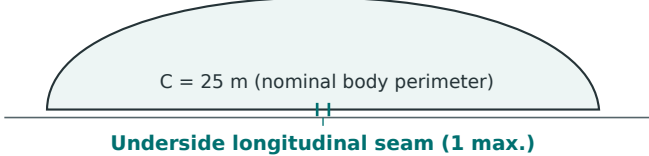
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 4 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

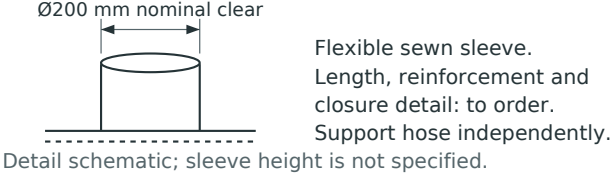
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5, 42.5, 62.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag's fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C25-L70

C 25 m × L 70 m | W_0 12.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

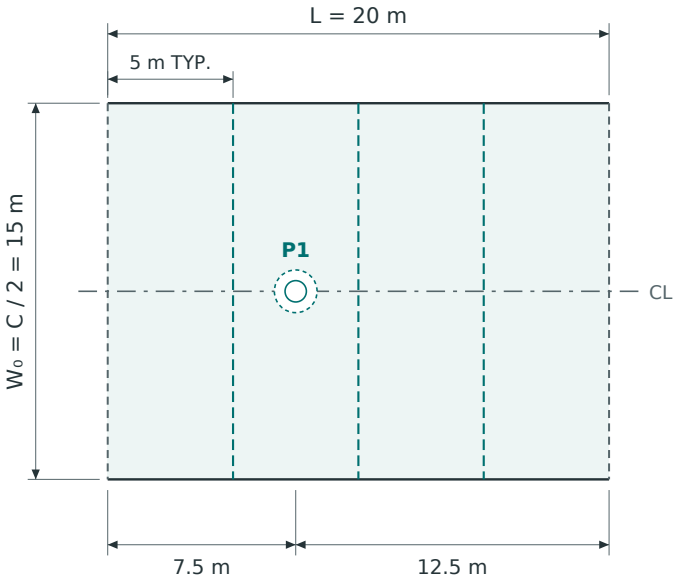
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

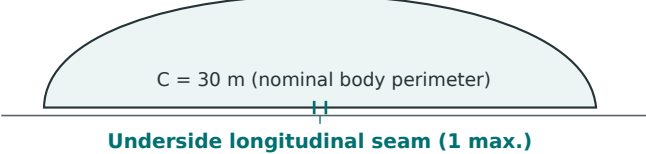
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 1 × Ø200 mm sleeve; top centreline; centred within 5 m panels.

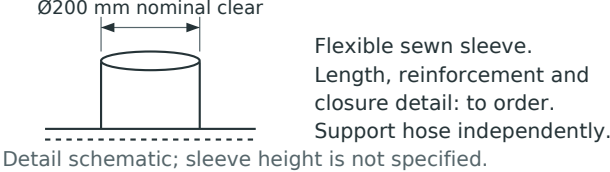
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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ben.lewis@kontainsolutions.com

K-GB-C30-L20

C 30 m × L 20 m | W₀ 15 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

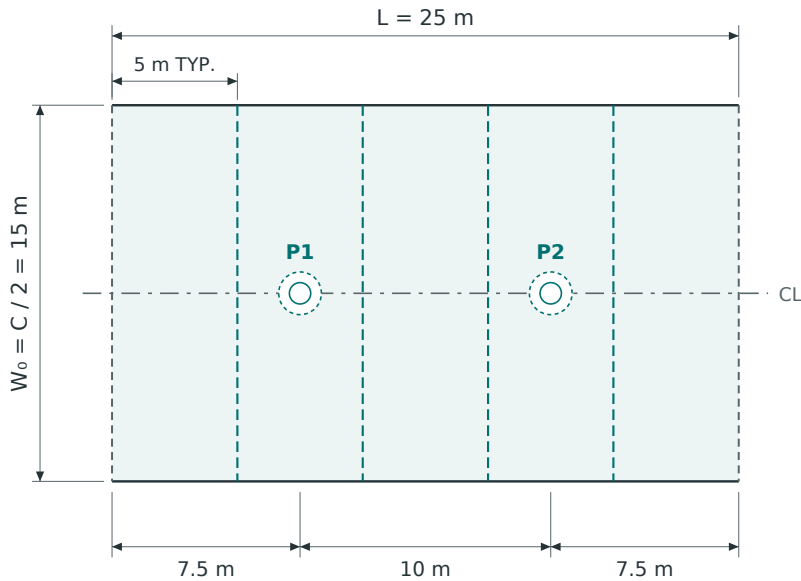
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

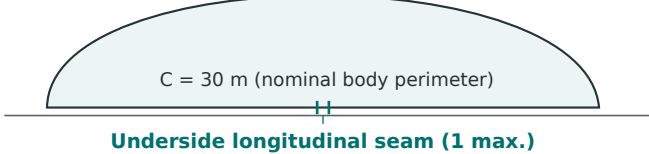
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

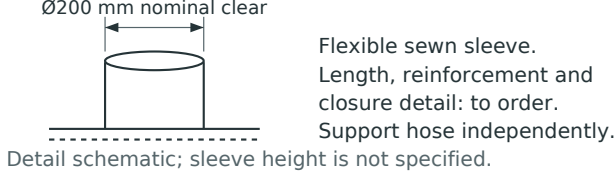
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 17.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

KONTAIN PTY LTD

Kontainer™ Geobags | design and supply
kontainsolutions.com | +61 405 812 770
ben.lewis@kontainsolutions.com

K-GB-C30-L25

C 30 m × L 25 m | W₀ 15 m
GENERAL ARRANGEMENT / PRODUCT SELECTION
Order drawing and working limits to be confirmed.

REV F

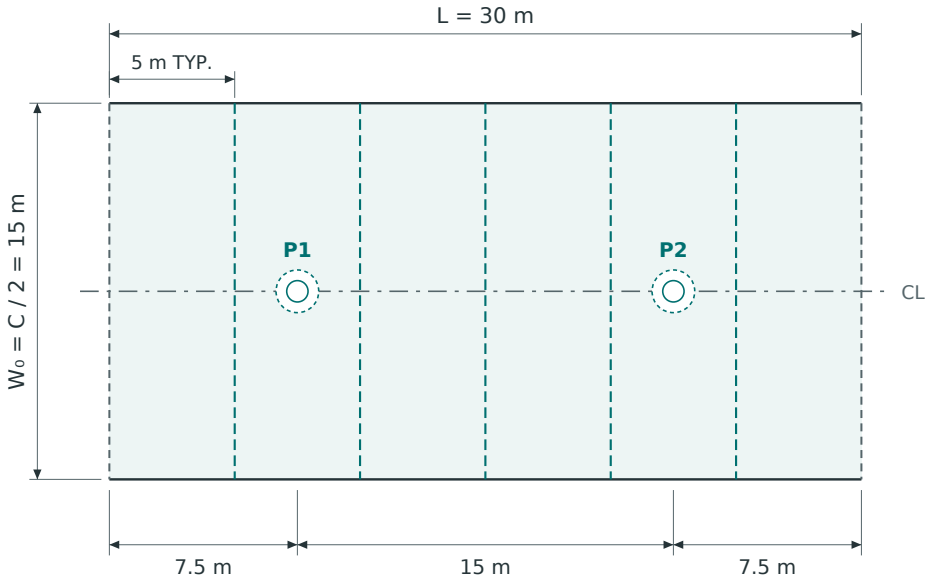
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

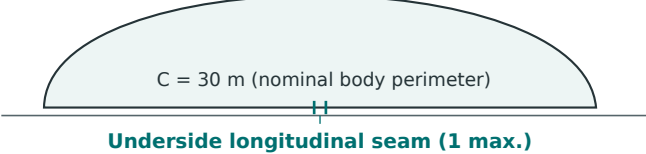
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

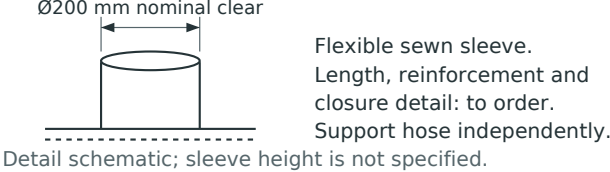
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

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FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C30-L30

C 30 m × L 30 m | W₀ 15 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available



Kontainer™ Geobags

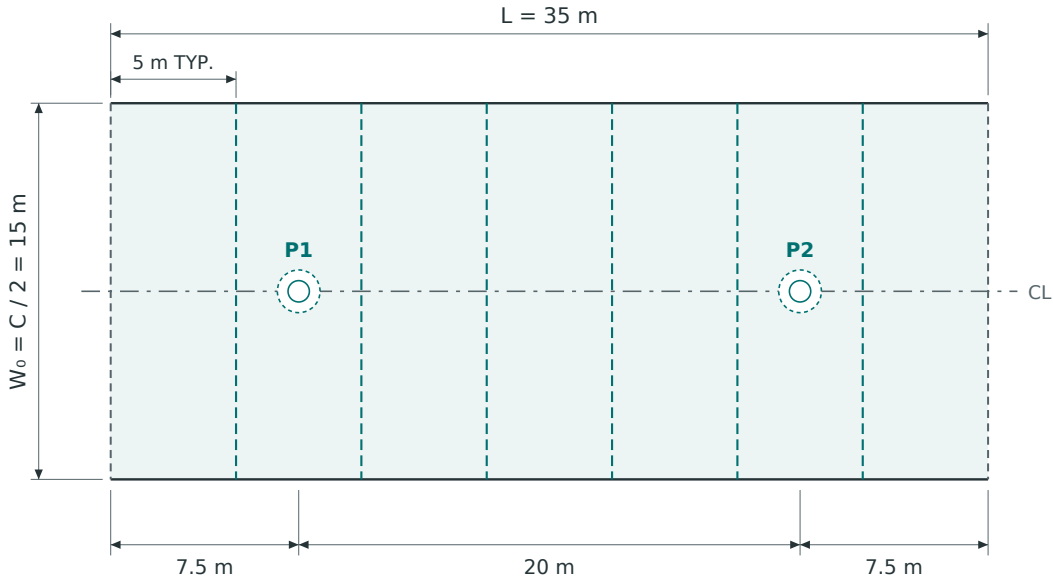
30 m circumference × 35 m nominal length

GENERIC PRODUCT DRAWING

A3 | NOT TO SCALE | DIMENSIONS AS NOTED

01 LAY-FLAT PLAN

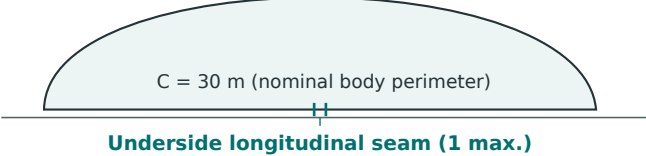
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

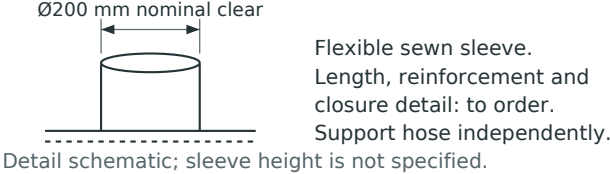
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

- 1** Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

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Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C30-L35

C 30 m × L 35 m | W₀ 15 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

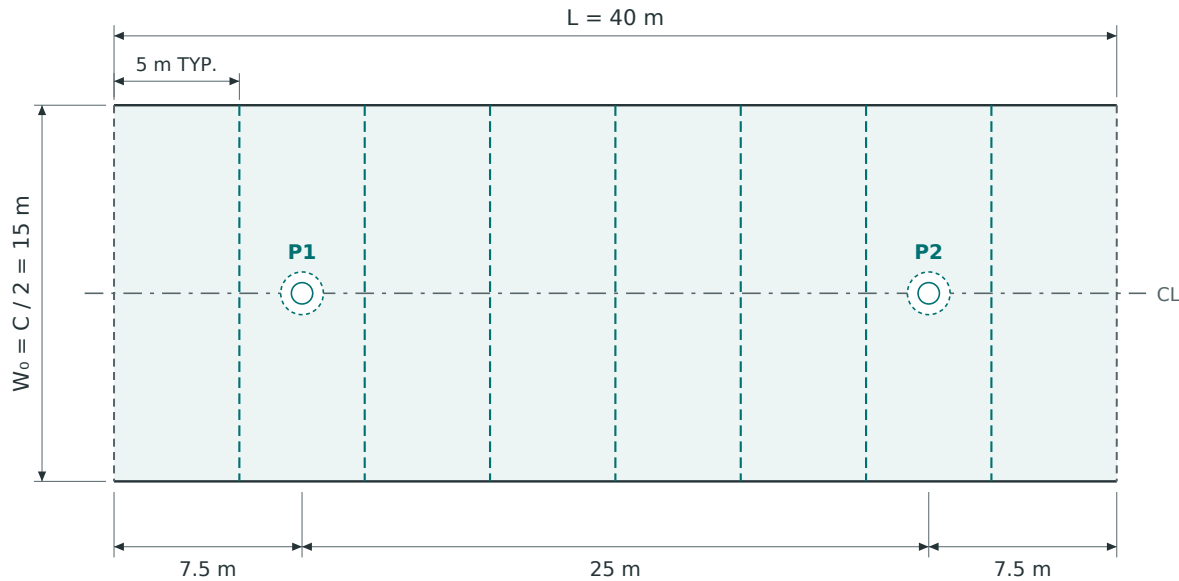
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

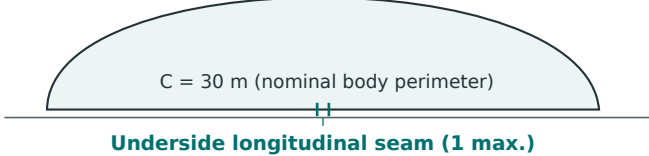
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

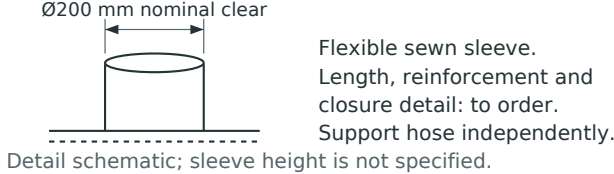
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

- 1** Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

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FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

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Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 32.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

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ben.lewis@kontainsolutions.com

K-GB-C30-L40

C 30 m × L 40 m | W_0 15 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

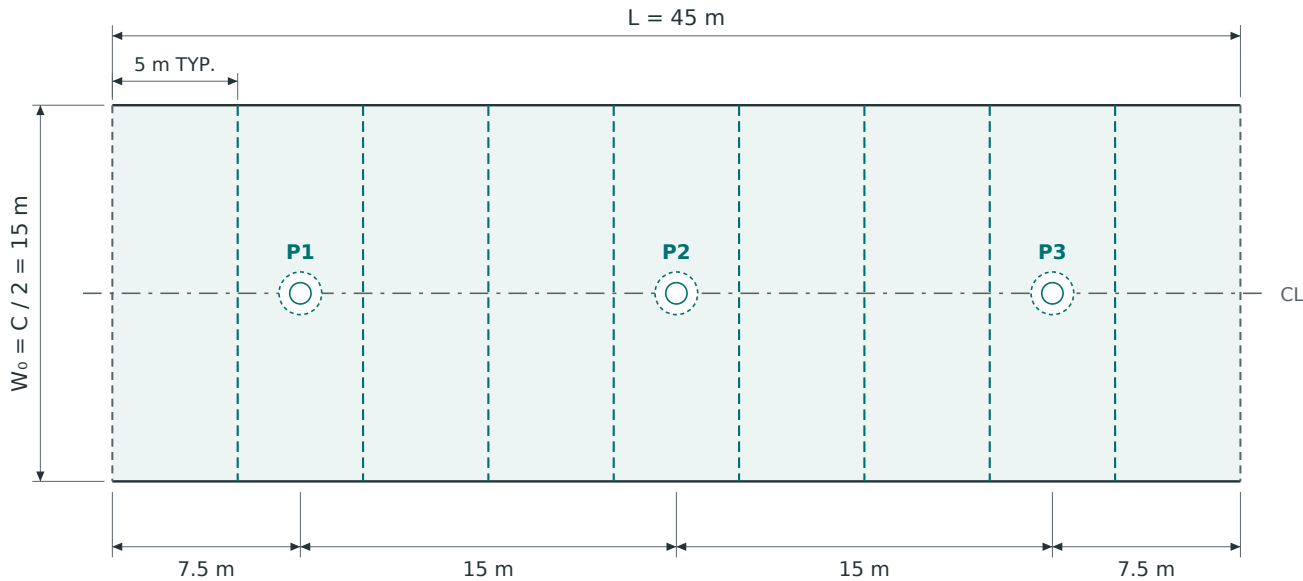
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

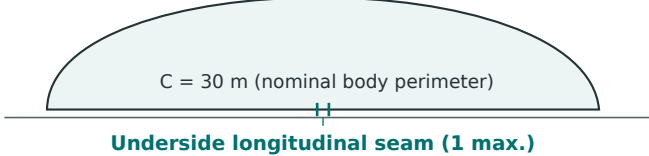
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

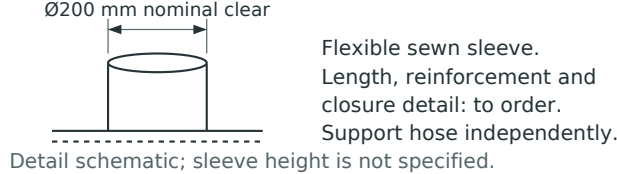
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

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FABRICATION AND SEAMS

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GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
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Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m ² /s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5, 37.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

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ben.lewis@kontainsolutions.com

K-GB-C30-L45

C 30 m × L 45 m | W_0 15 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

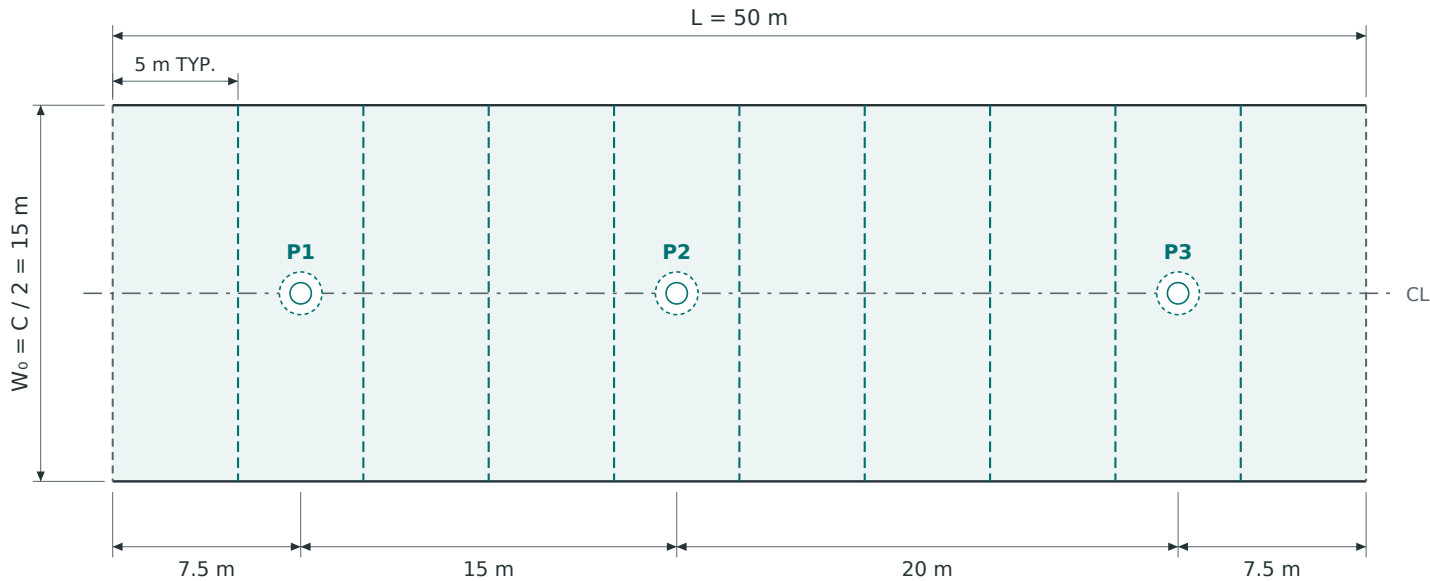
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

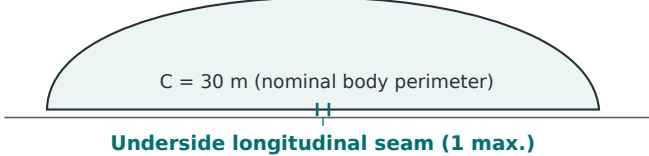
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

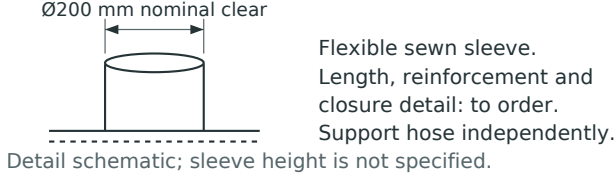
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5, 42.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C30-L50

C 30 m × L 50 m | W_0 15 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

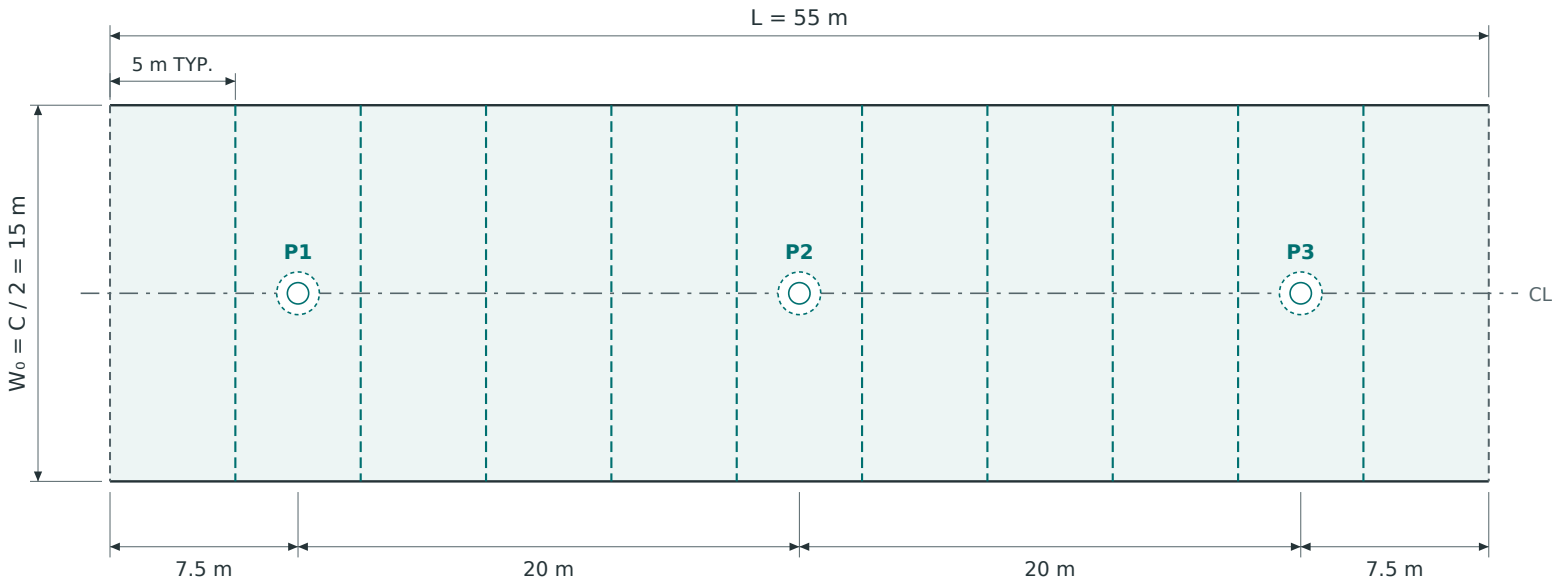
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

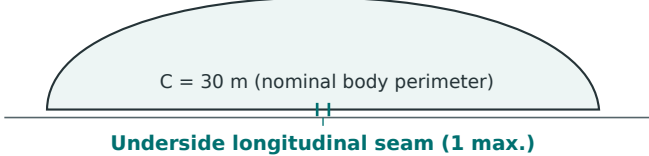
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

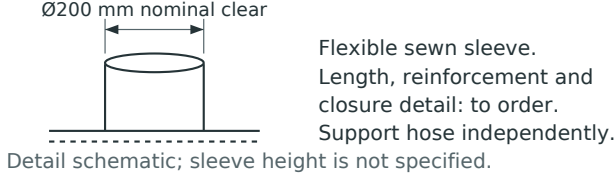
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



Flexible sewn sleeve.
Length, reinforcement and
closure detail: to order.
Support hose independently.

GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m ² /s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5, 47.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C30-L55

C 30 m × L 55 m | W₀ 15 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

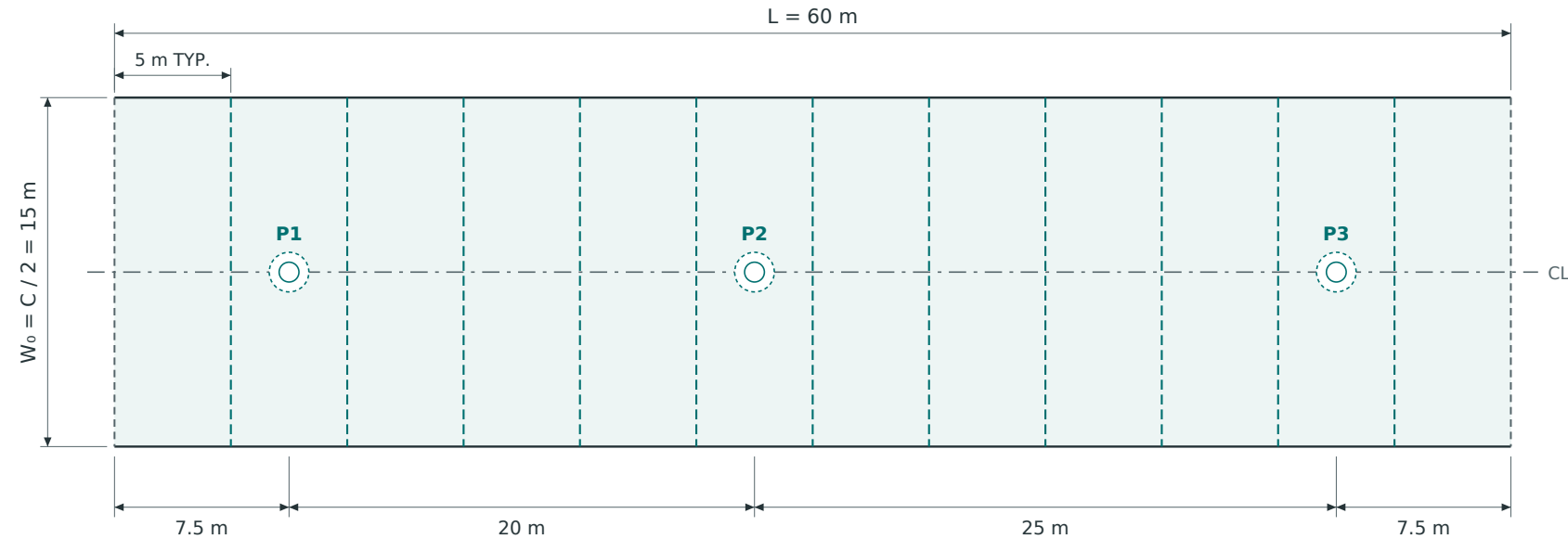
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

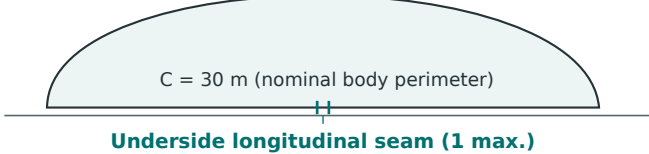
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

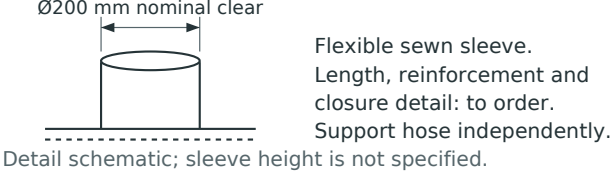
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5, 52.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C30-L60

C 30 m × L 60 m | W_0 15 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

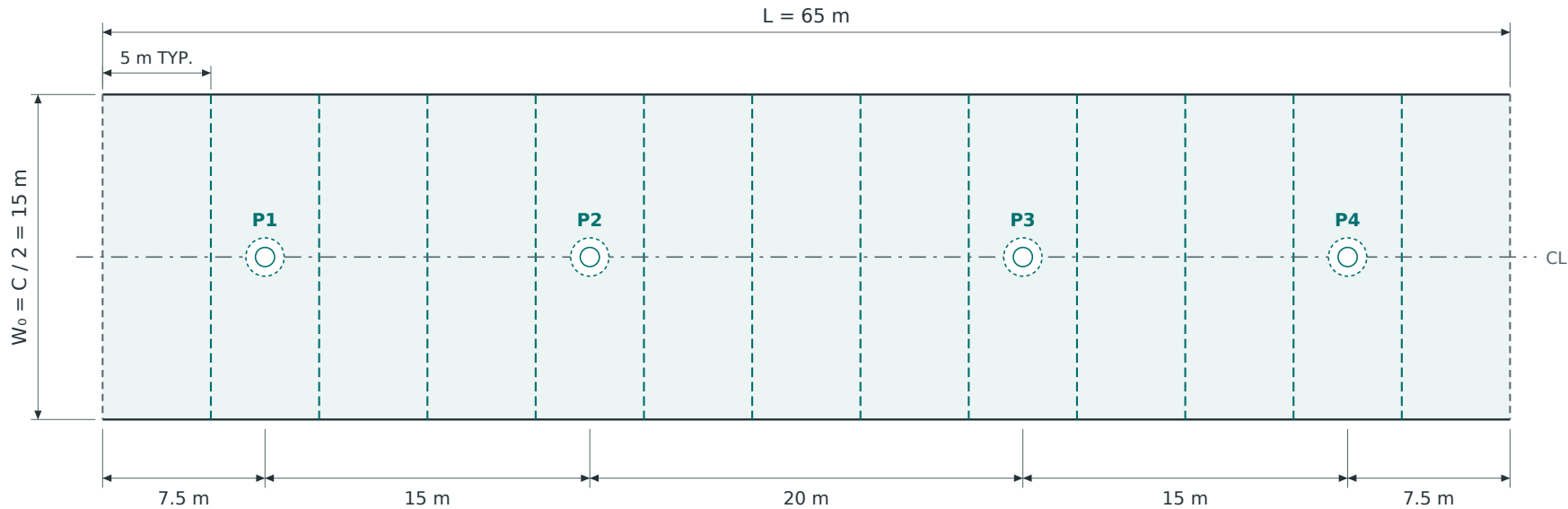
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

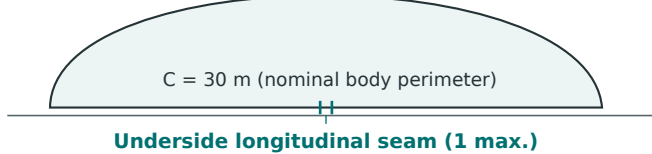
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 4 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

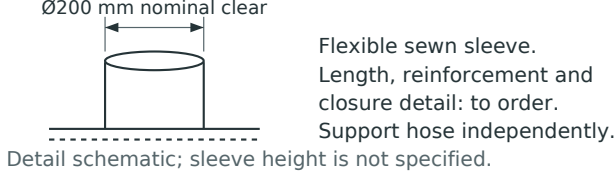
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5, 42.5, 57.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C30-L65

C 30 m × L 65 m | W_0 15 m
GENERAL ARRANGEMENT / PRODUCT SELECTION
Order drawing and working limits to be confirmed.

REV F

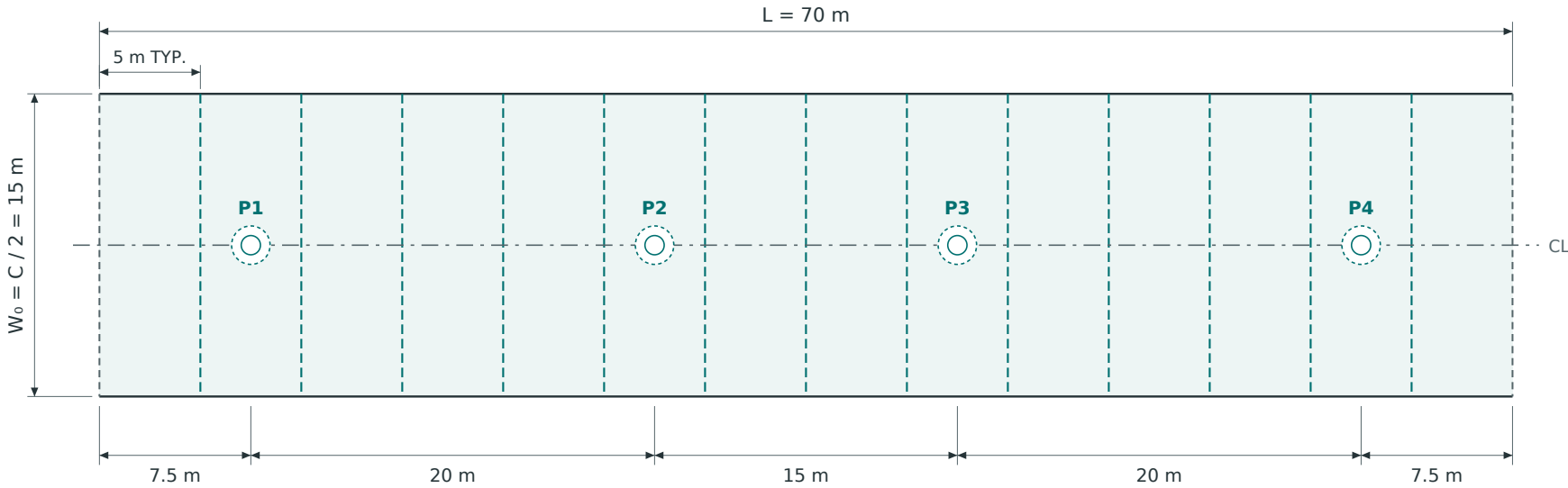
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

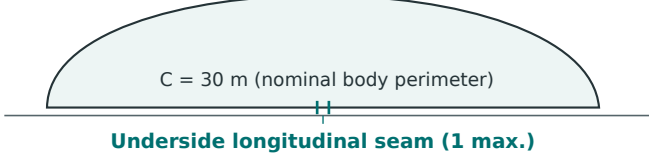
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 4 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

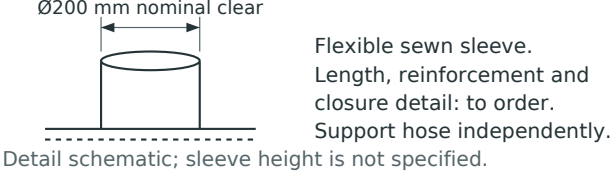
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m ² /s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5, 42.5, 62.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C30-L70

C 30 m × L 70 m | W₀ 15 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

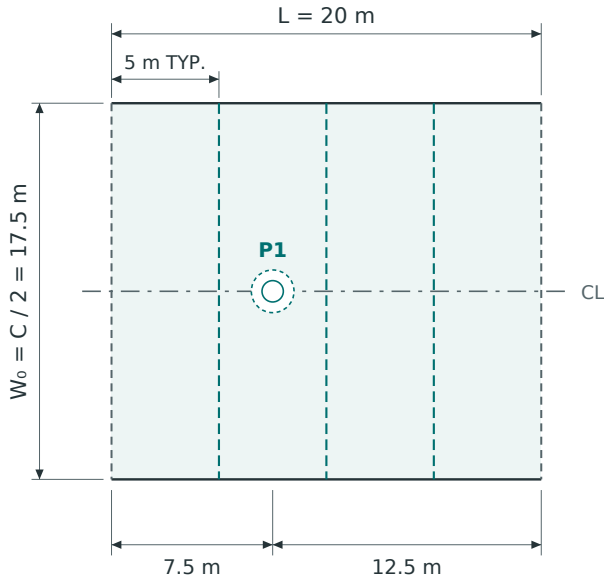
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

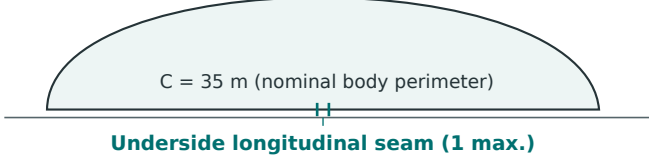
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 1 × Ø200 mm sleeve; top centreline; centred within 5 m panels.

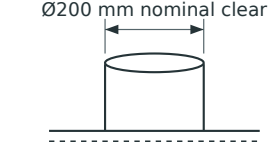
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



Flexible sewn sleeve.
Length, reinforcement and
closure detail: to order.
Support hose independently.

Detail schematic; sleeve height is not specified.

GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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ben.lewis@kontainsolutions.com

K-GB-C35-L20

C 35 m × L 20 m | W_0 17.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

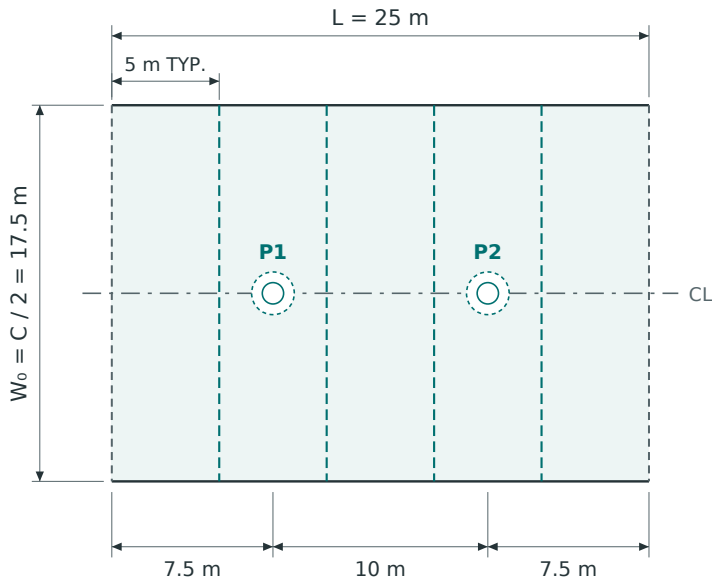
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

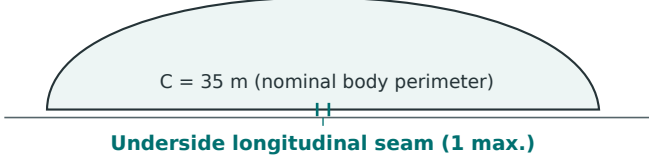
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

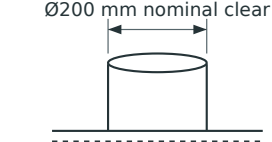
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



Detail schematic; sleeve height is not specified.

Flexible sewn sleeve.
Length, reinforcement and
closure detail: to order.
Support hose independently.

GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m ² /s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 17.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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ben.lewis@kontainsolutions.com

K-GB-C35-L25

C 35 m × L 25 m | W₀ 17.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

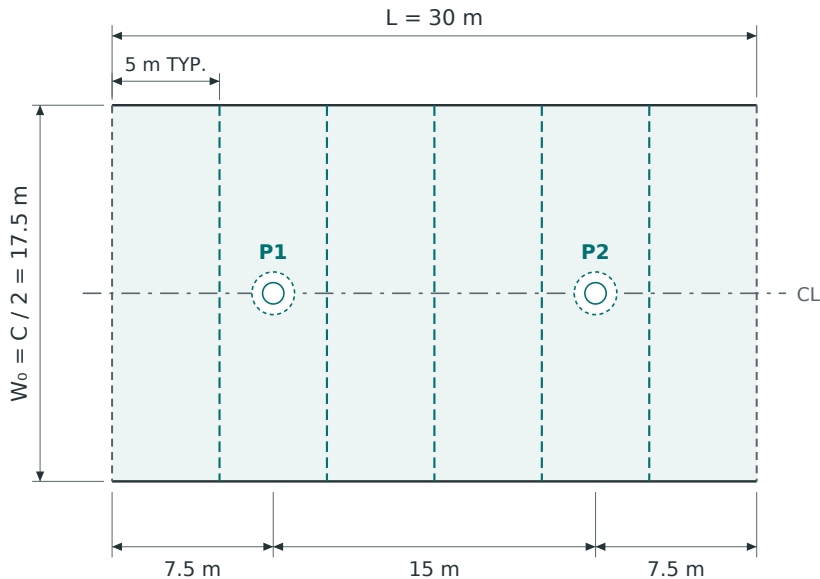
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

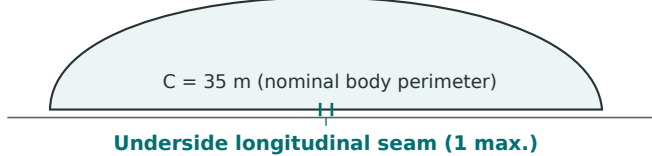
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

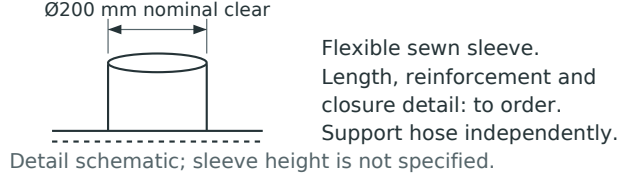
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C35-L30

C 35 m × L 30 m | W_0 17.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

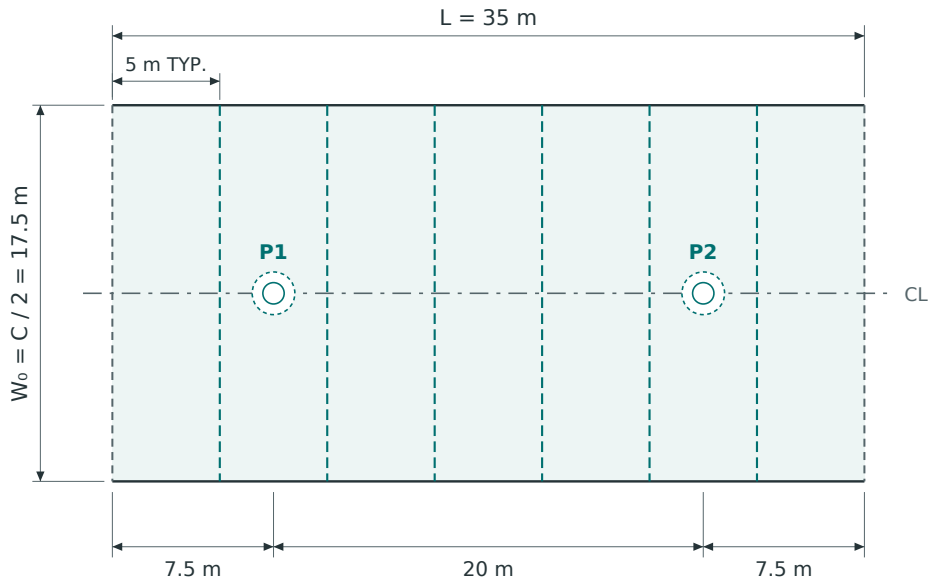
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

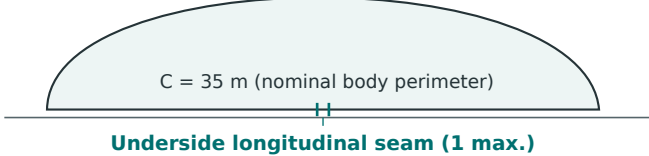
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

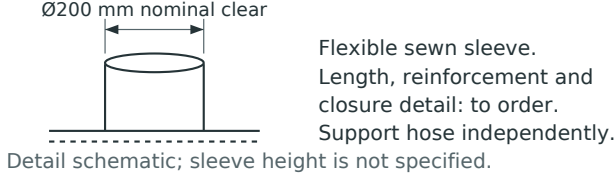
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C35-L35

C 35 m × L 35 m | W_0 17.5 m
GENERAL ARRANGEMENT / PRODUCT SELECTION
Order drawing and working limits to be confirmed.

REV F

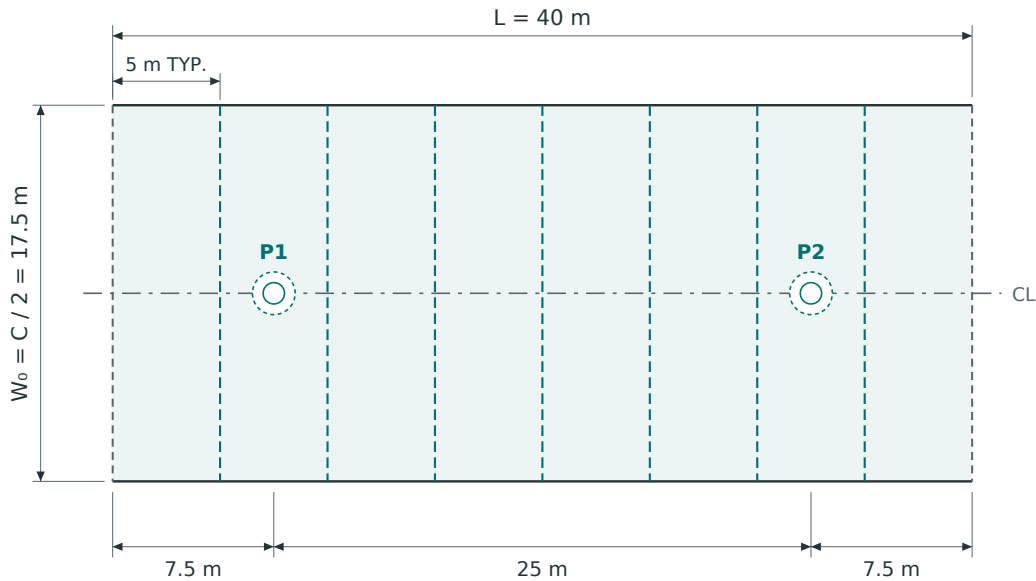
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

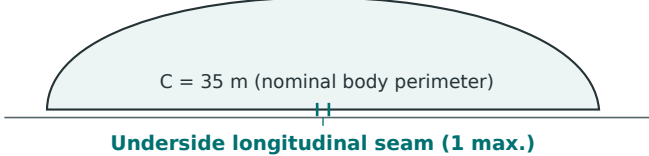
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

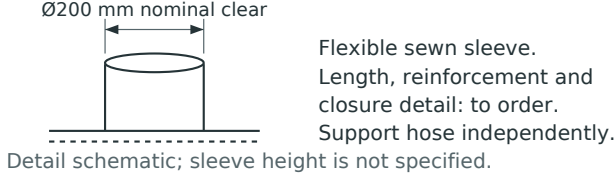
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m ² /s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

- 1** Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 32.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C35-L40

C 35 m × L 40 m | W₀ 17.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

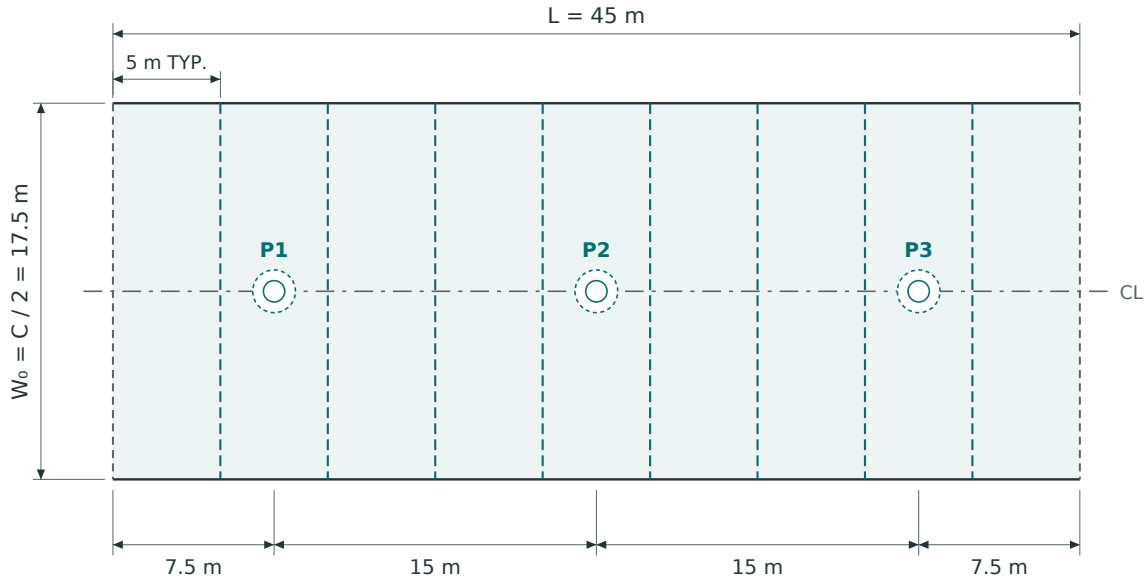
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

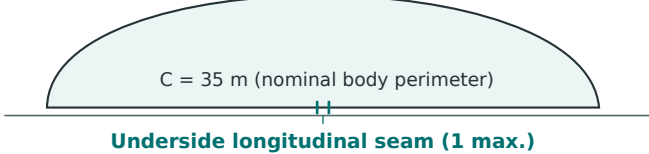
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

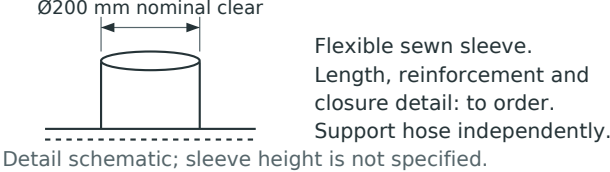
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

- 1** Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5, 37.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

KONTAIN PTY LTD

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ben.lewis@kontainsolutions.com

K-GB-C35-L45

C 35 m × L 45 m | W₀ 17.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available



Kontainer™ Geobags

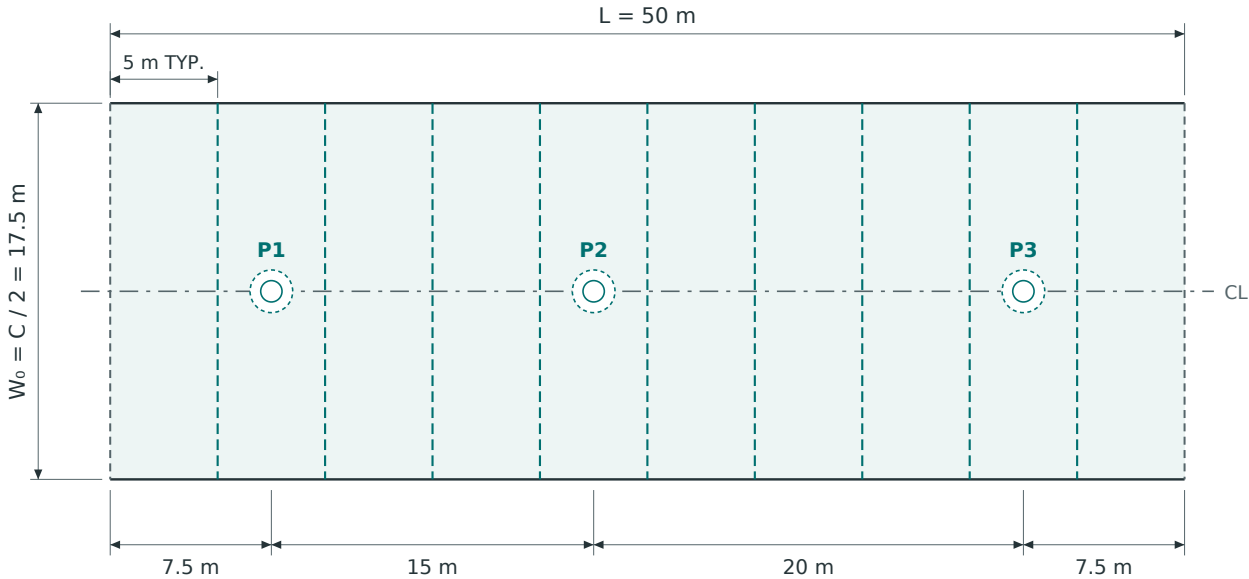
35 m circumference × 50 m nominal length

GENERIC PRODUCT DRAWING

A3 | NOT TO SCALE | DIMENSIONS AS NOTED

01 LAY-FLAT PLAN

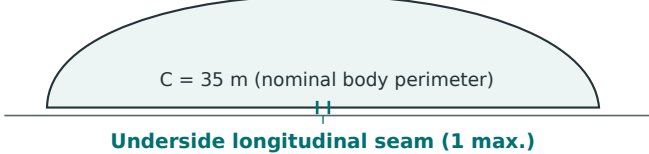
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

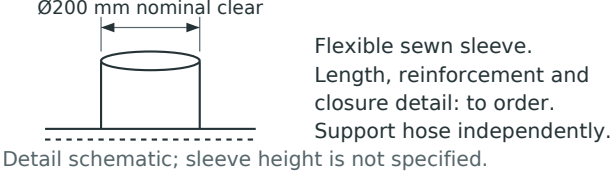
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

- 1** Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5, 42.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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ben.lewis@kontainsolutions.com

K-GB-C35-L50

C 35 m × L 50 m | W_0 17.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

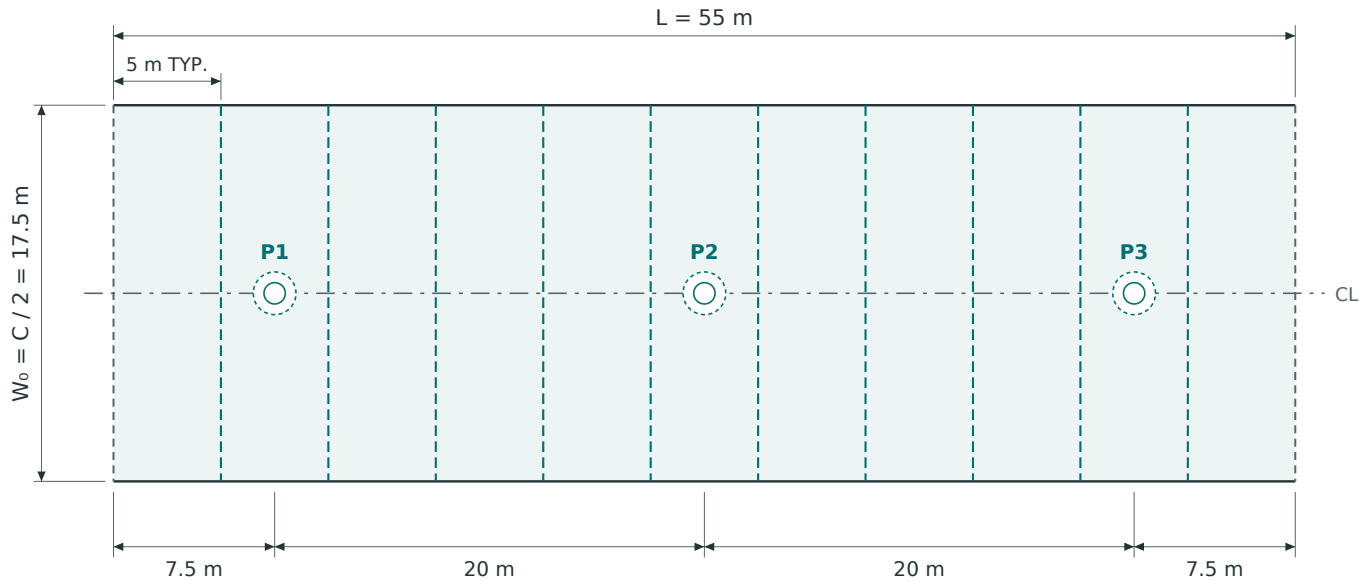
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

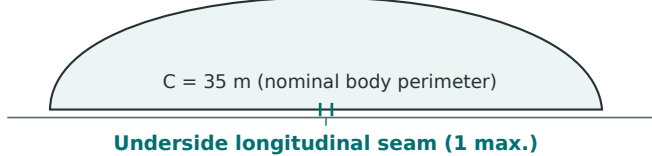
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

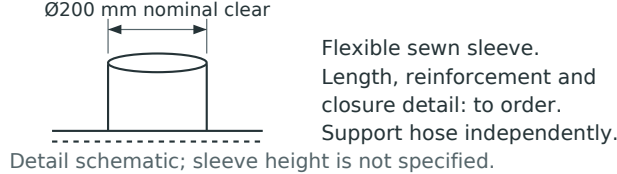
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m ² /s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

- 1** Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5, 47.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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ben.lewis@kontainsolutions.com

K-GB-C35-L55

C 35 m × L 55 m | W₀ 17.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

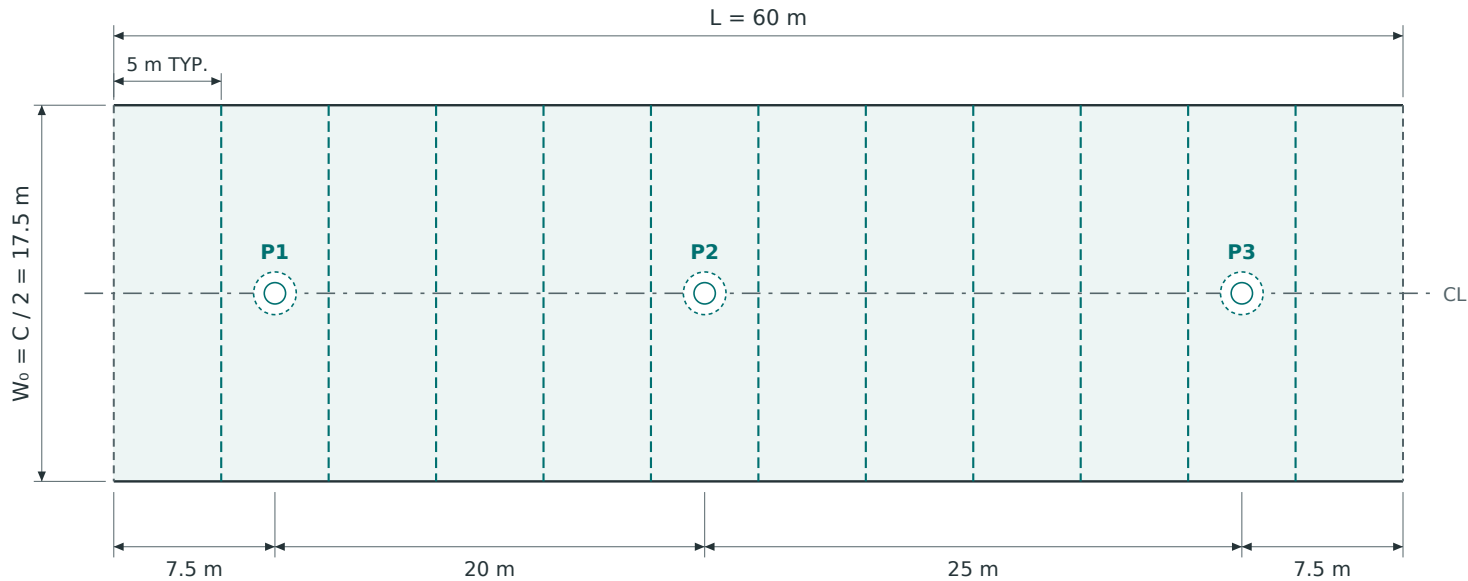
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

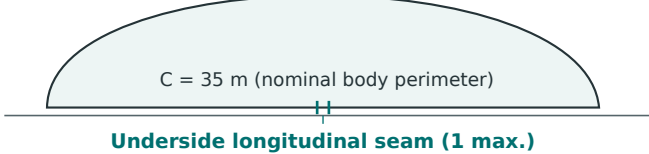
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

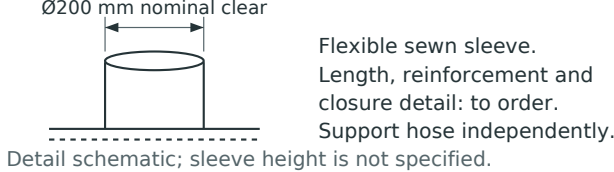
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m ² /s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5, 52.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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ben.lewis@kontainsolutions.com

K-GB-C35-L60

C 35 m × L 60 m | W_0 17.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

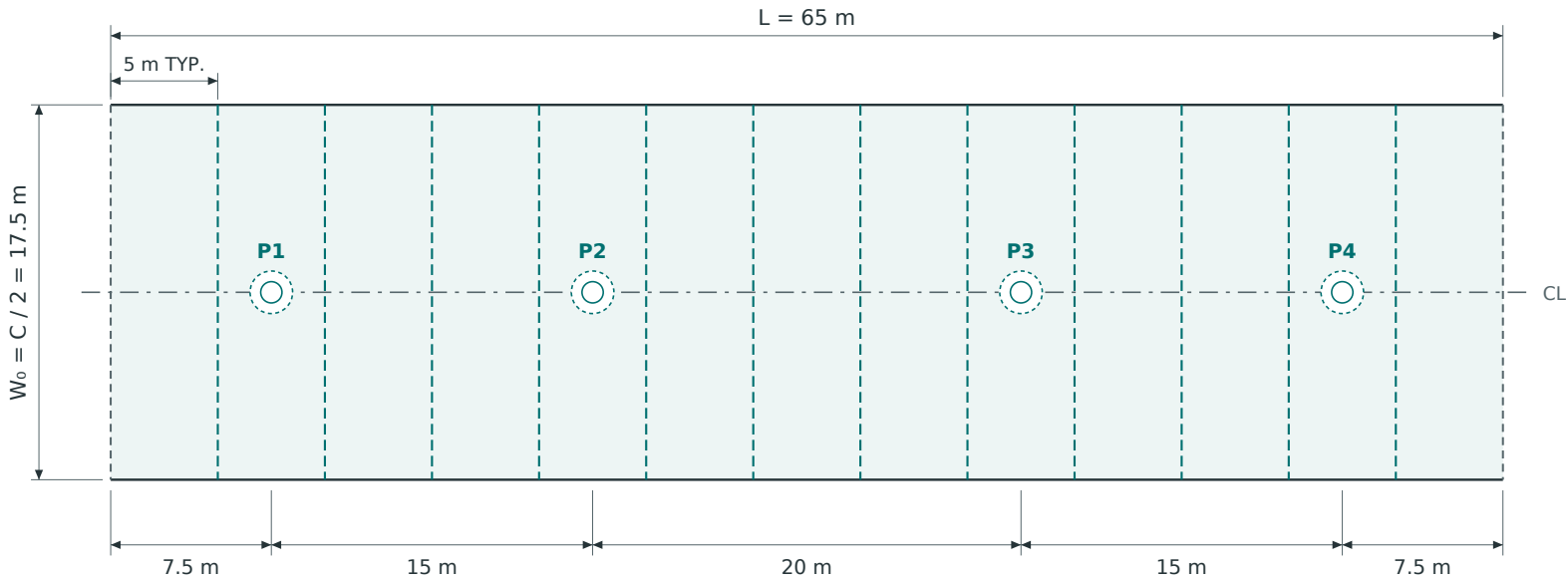
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

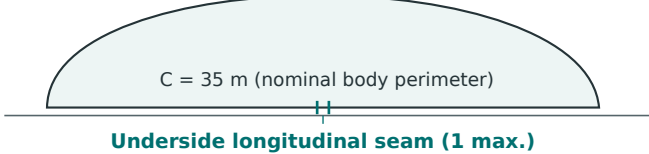
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 4 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

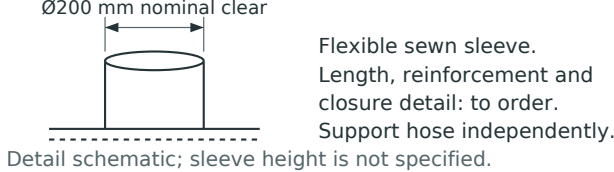
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m ² /s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

- 1** Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5, 42.5, 57.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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ben.lewis@kontainsolutions.com

K-GB-C35-L65

C 35 m × L 65 m | W₀ 17.5 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available



Kontainer™ Geobags

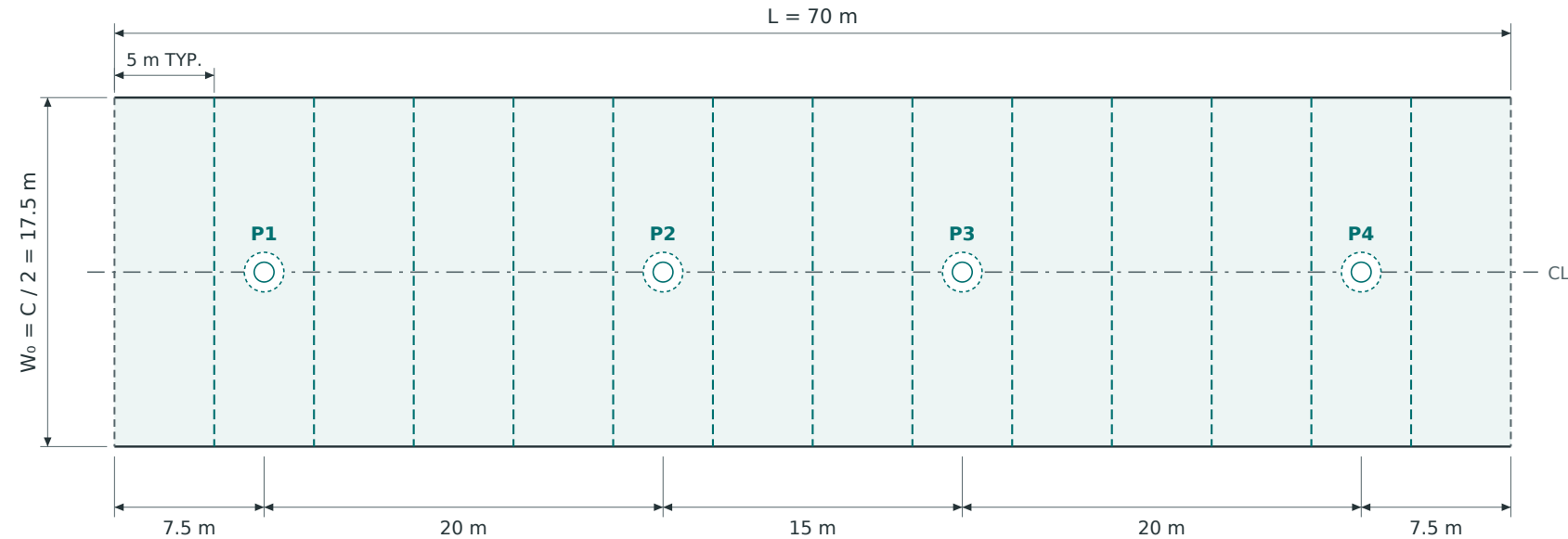
35 m circumference × 70 m nominal length

GENERIC PRODUCT DRAWING

A3 | NOT TO SCALE | DIMENSIONS AS NOTED

01 LAY-FLAT PLAN

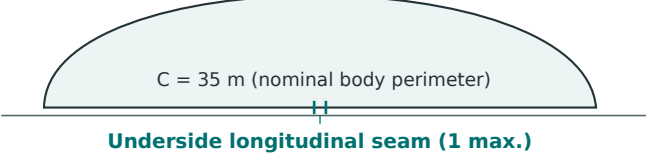
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 4 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

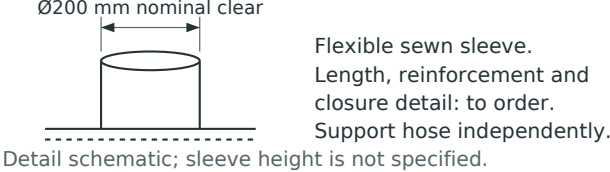
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



Flexible sewn sleeve.
Length, reinforcement and
closure detail: to order.
Support hose independently.

GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m ² /s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5, 42.5, 62.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C35-L70

C 35 m × L 70 m | W₀ 17.5 m
GENERAL ARRANGEMENT / PRODUCT SELECTION
Order drawing and working limits to be confirmed.

REV F

14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available



Kontainer™ Geobags

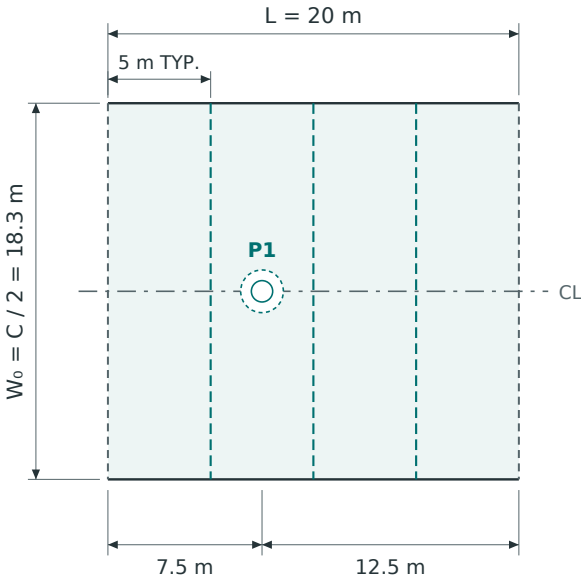
36.6 m circumference × 20 m nominal length

GENERIC PRODUCT DRAWING

A3 | NOT TO SCALE | DIMENSIONS AS NOTED

01 LAY-FLAT PLAN

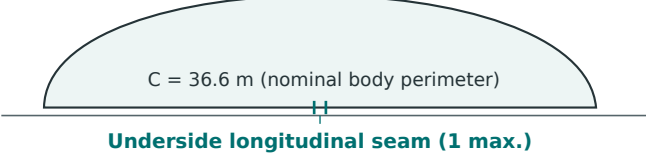
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 1 × Ø200 mm sleeve; top centreline; centred within 5 m panels.

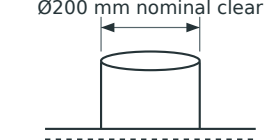
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



Detail schematic; sleeve height is not specified.

Flexible sewn sleeve.
Length, reinforcement and
closure detail: to order.
Support hose independently.

GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C36p6-L20

C 36.6 m × L 20 m | W₀ 18.3 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

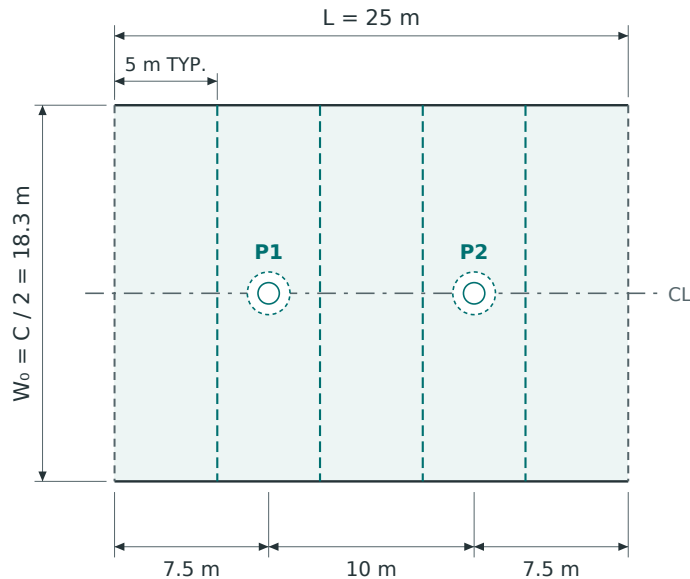
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

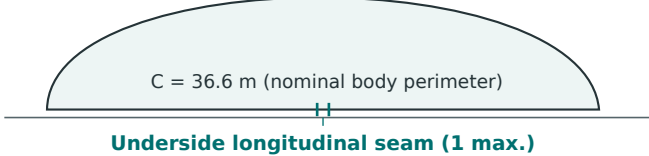
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

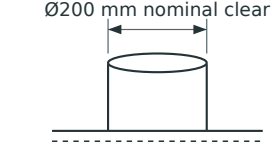
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



Flexible sewn sleeve.
Length, reinforcement and
closure detail: to order.
Support hose independently.

Detail schematic; sleeve height is not specified.

GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 17.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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ben.lewis@kontainsolutions.com

K-GB-C36p6-L25

C 36.6 m × L 25 m | W_0 18.3 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

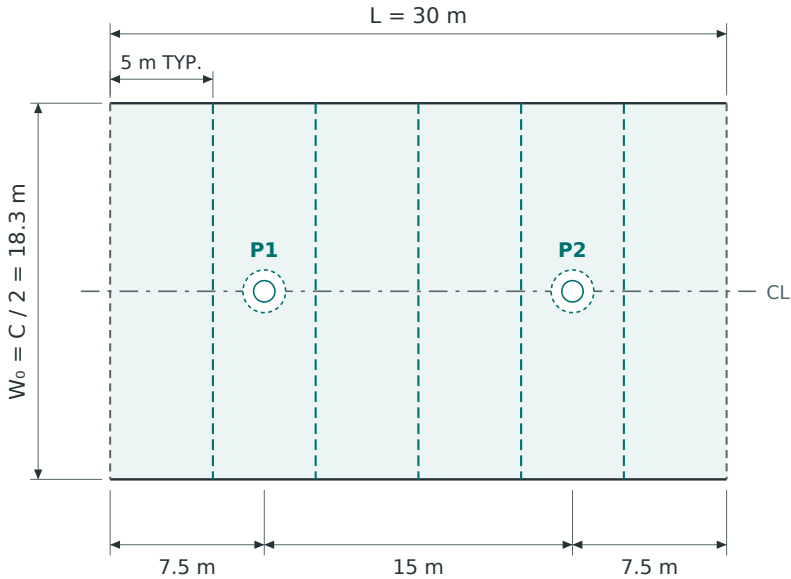
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

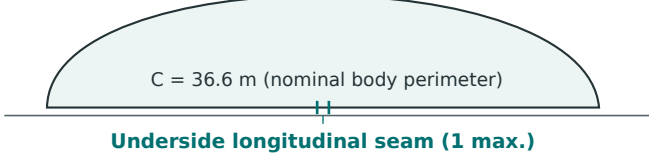
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

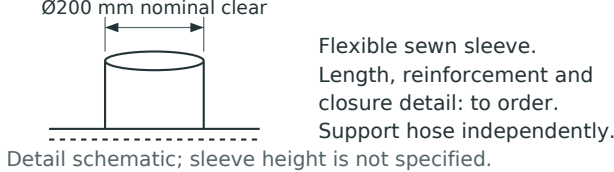
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

- 1** Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C36p6-L30

C 36.6 m × L 30 m | W₀ 18.3 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

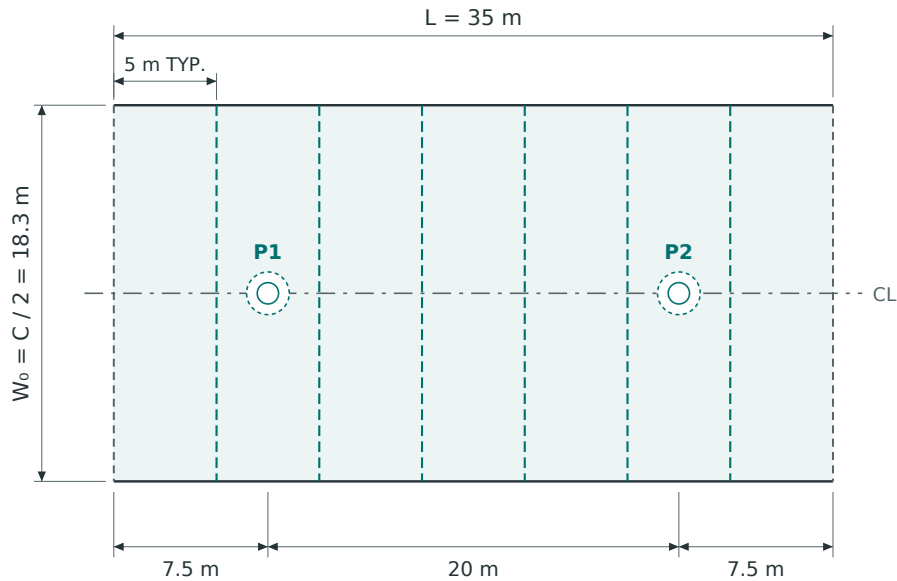
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

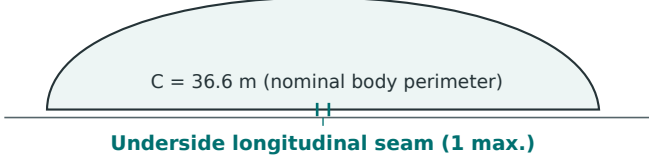
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

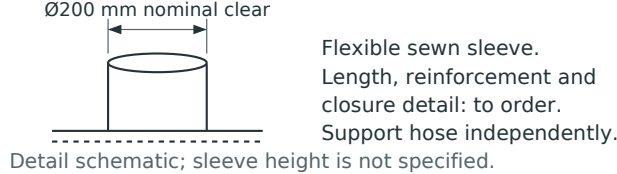
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

- 1** Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

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Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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ben.lewis@kontainsolutions.com

K-GB-C36p6-L35

C 36.6 m × L 35 m | W_0 18.3 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

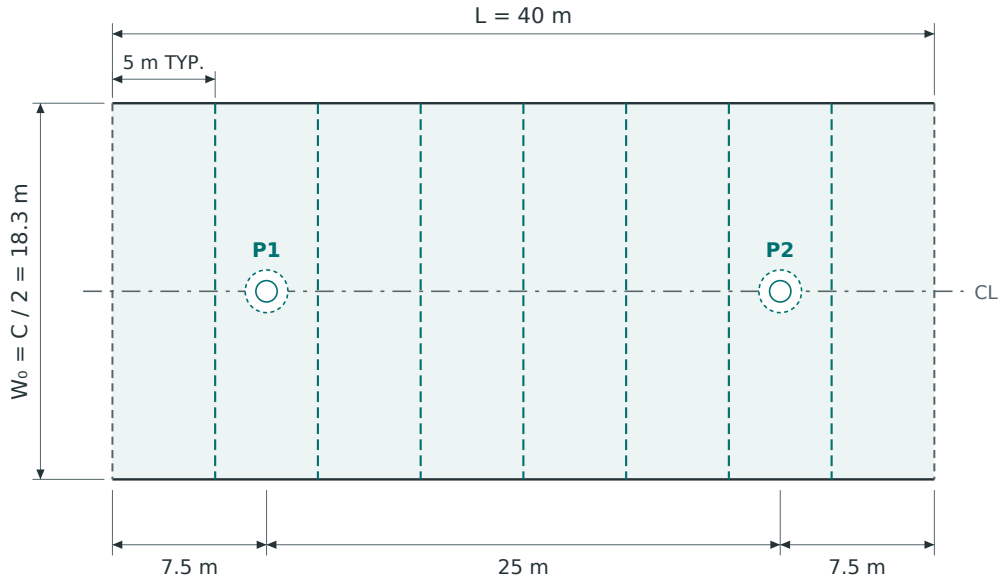
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

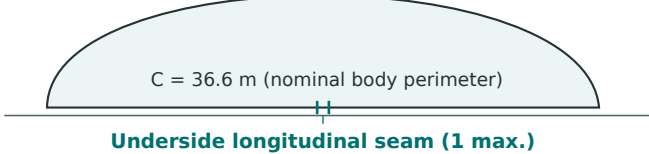
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

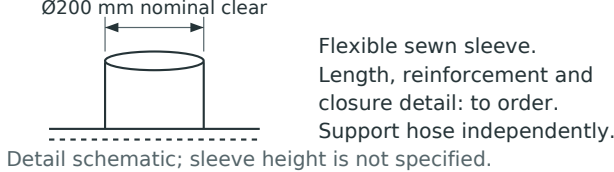
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



Flexible sewn sleeve.
Length, reinforcement and
closure detail: to order.
Support hose independently.

GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 32.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C36p6-L40

C 36.6 m × L 40 m | W₀ 18.3 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available



Kontainer™ Geobags

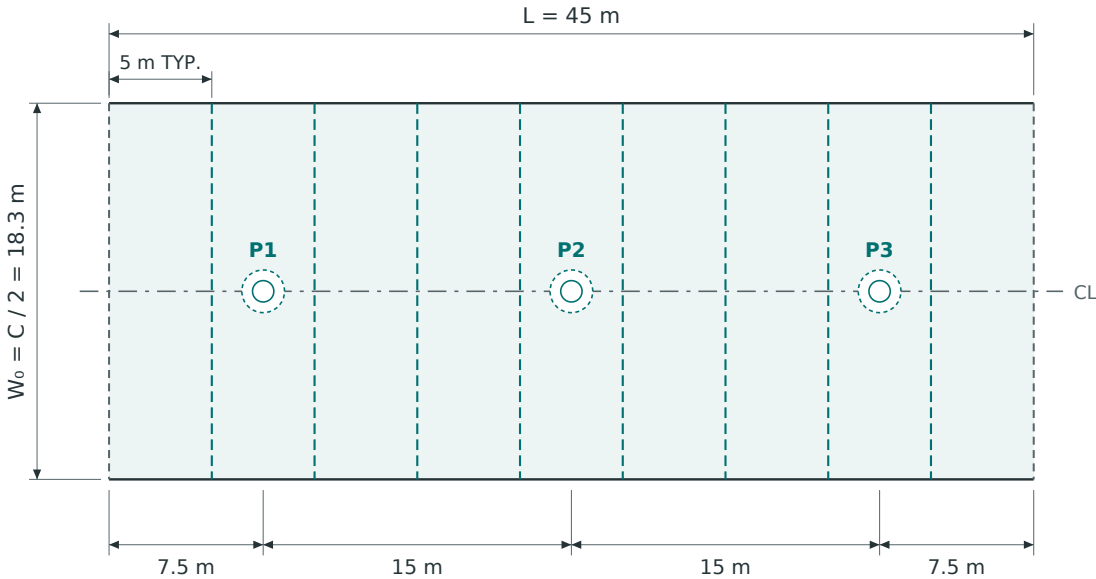
36.6 m circumference × 45 m nominal length

GENERIC PRODUCT DRAWING

A3 | NOT TO SCALE | DIMENSIONS AS NOTED

01 LAY-FLAT PLAN

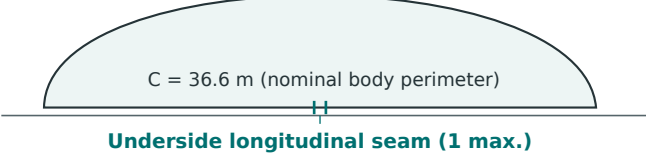
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

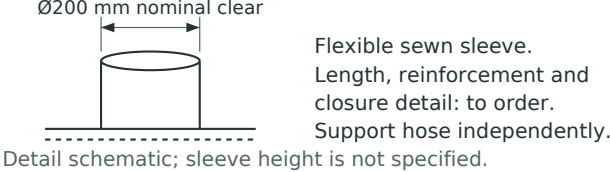
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5, 37.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C36p6-L45

C 36.6 m × L 45 m | W_0 18.3 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

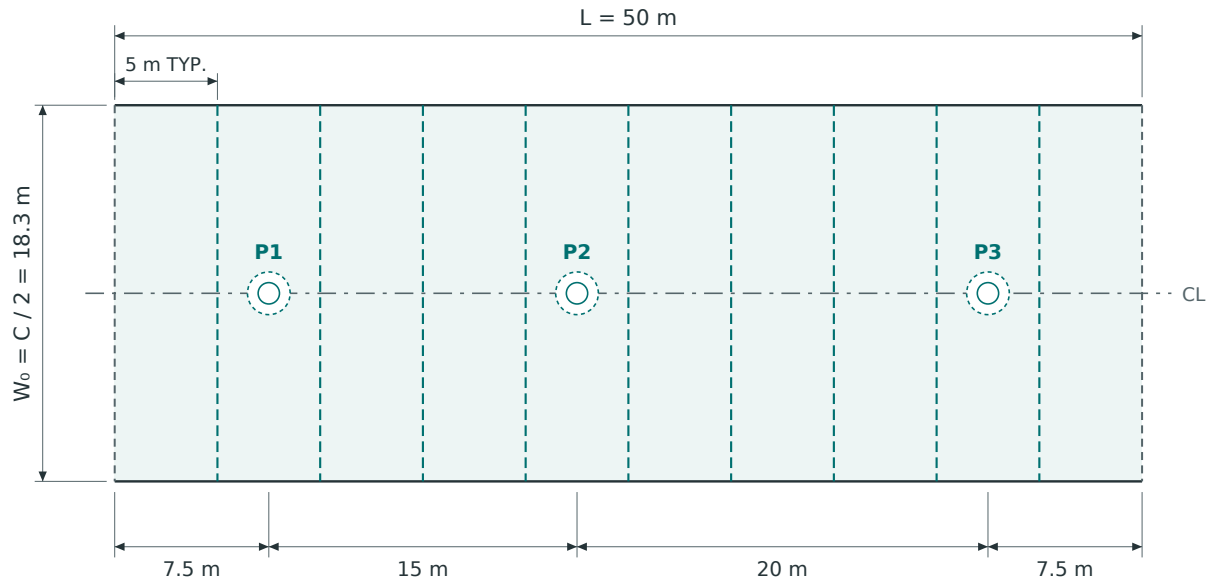
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

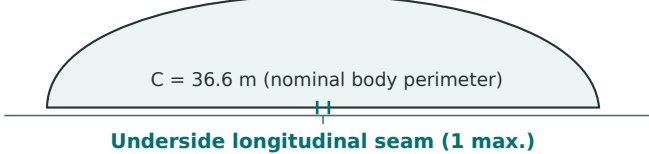
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

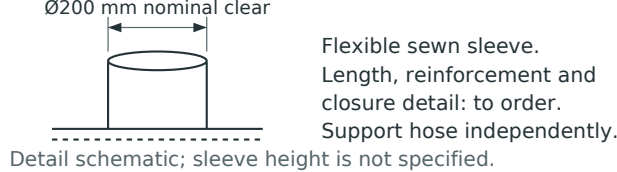
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

- 1** Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5, 42.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C36p6-L50

C 36.6 m × L 50 m | W₀ 18.3 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

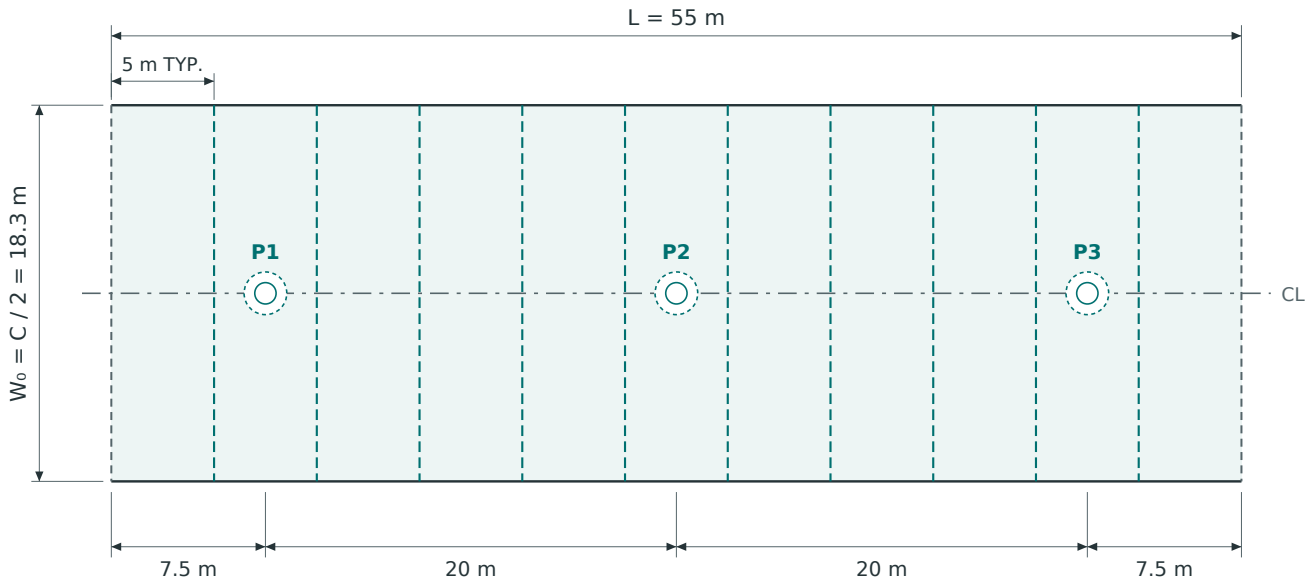
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

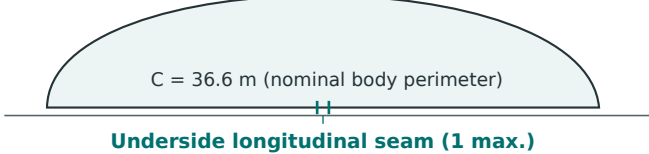
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

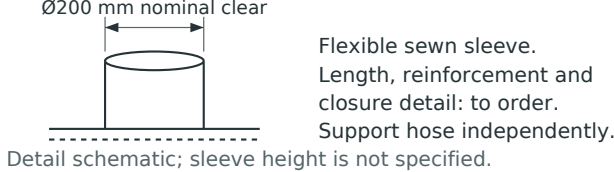
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5, 47.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C36p6-L55

C 36.6 m × L 55 m | W_0 18.3 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

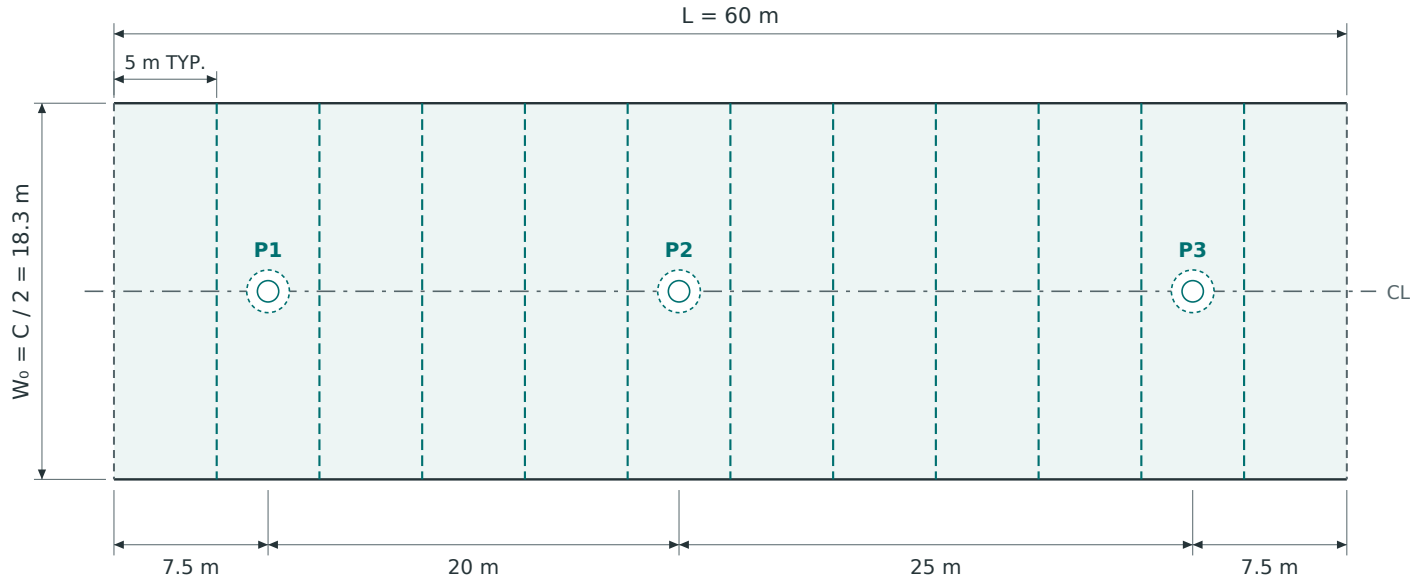
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

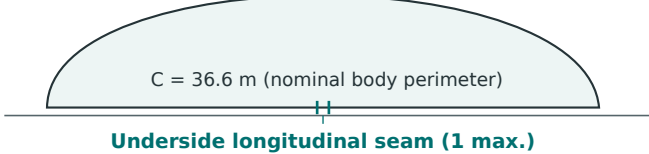
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

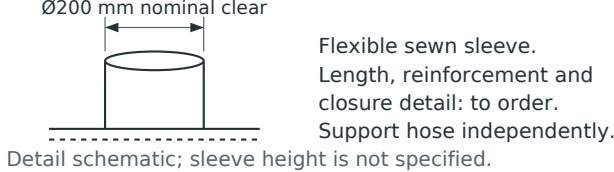
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m ² /s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5, 52.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C36p6-L60

C 36.6 m × L 60 m | W₀ 18.3 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

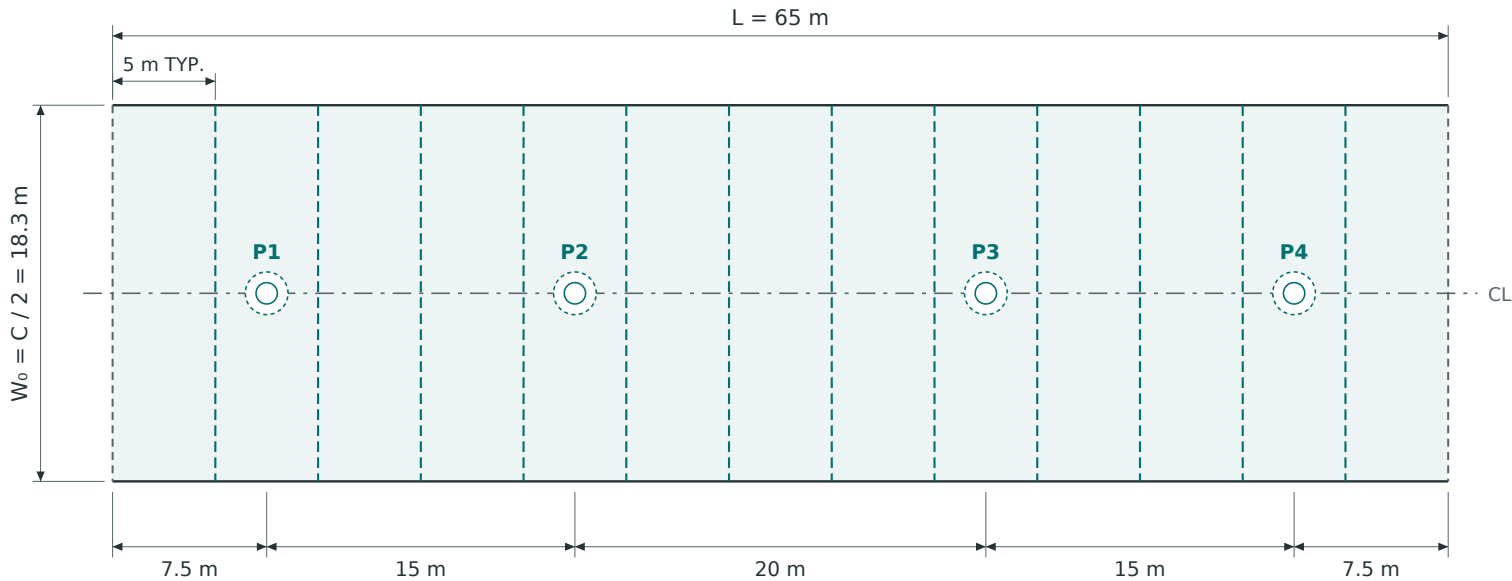
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

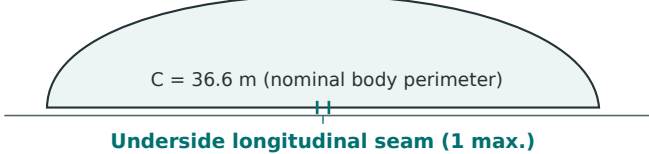
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 4 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

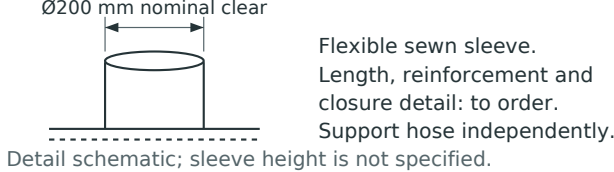
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

- 1** Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5, 42.5, 57.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C36p6-L65

C 36.6 m × L 65 m | W₀ 18.3 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available



Kontainer™ Geobags

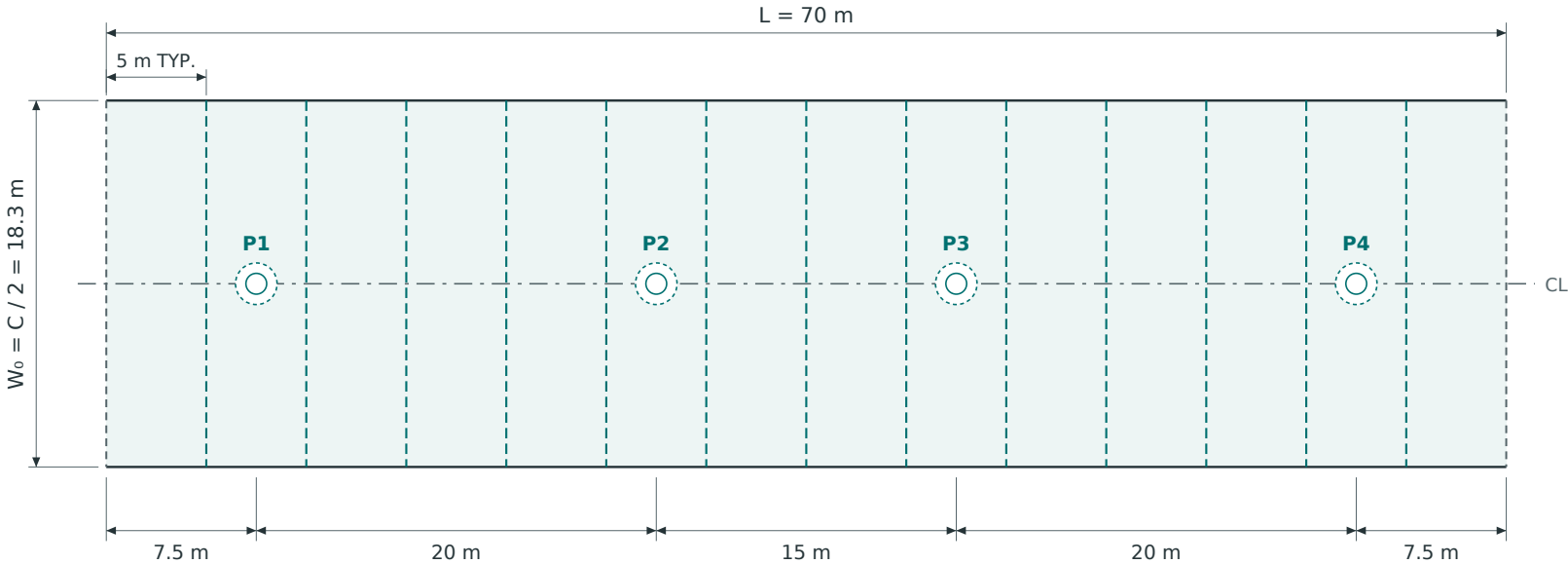
36.6 m circumference × 70 m nominal length

GENERIC PRODUCT DRAWING

A3 | NOT TO SCALE | DIMENSIONS AS NOTED

01 LAY-FLAT PLAN

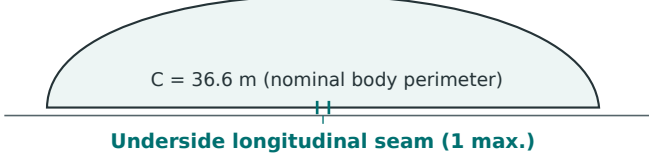
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 4 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

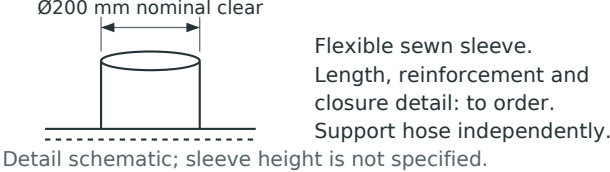
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

- 1** Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5, 42.5, 62.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C36p6-L70

C 36.6 m × L 70 m | W₀ 18.3 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available



Kontainer™ Geobags

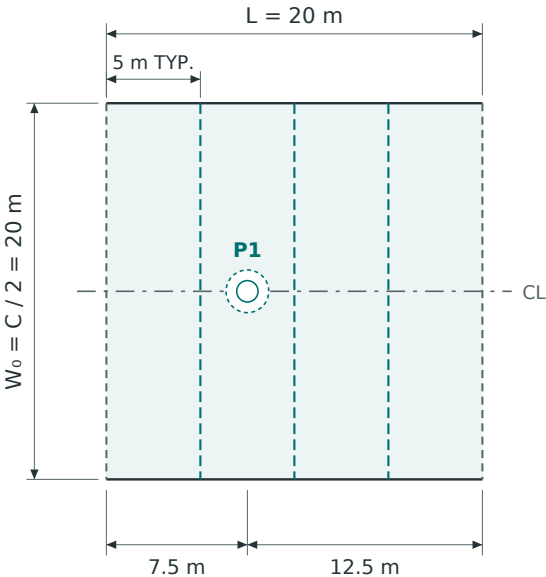
40 m circumference × 20 m nominal length

GENERIC PRODUCT DRAWING

A3 | NOT TO SCALE | DIMENSIONS AS NOTED

01 LAY-FLAT PLAN

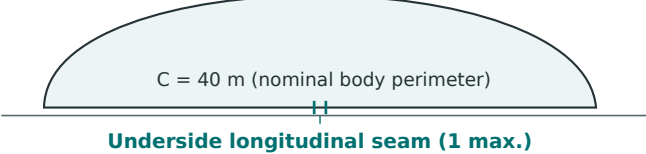
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 1 × Ø200 mm sleeve; top centreline; centred within 5 m panels.

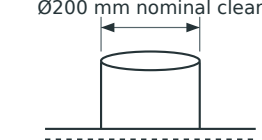
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



Flexible sewn sleeve.
Length, reinforcement and
closure detail: to order.
Support hose independently.

Detail schematic; sleeve height is not specified.

GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C40-L20

C 40 m × L 20 m | W₀ 20 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available



Kontainer™ Geobags

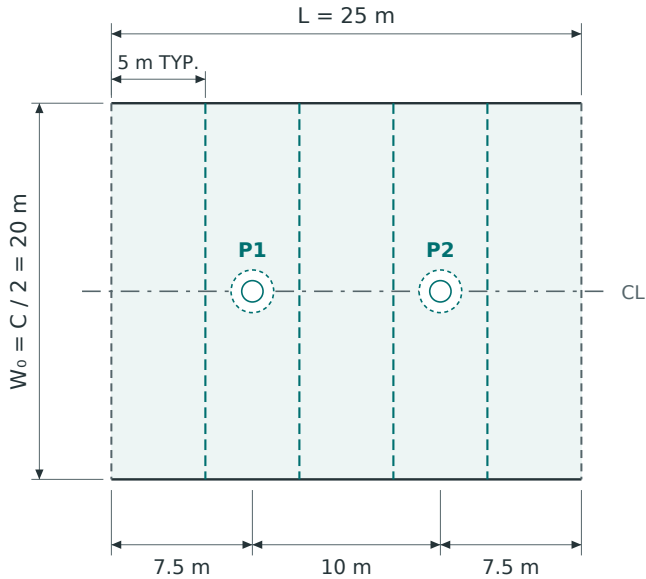
40 m circumference × 25 m nominal length

GENERIC PRODUCT DRAWING

A3 | NOT TO SCALE | DIMENSIONS AS NOTED

01 LAY-FLAT PLAN

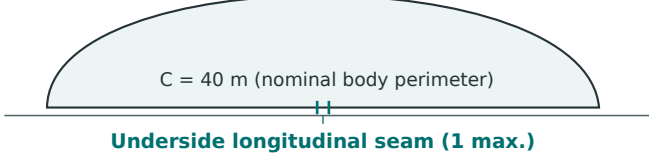
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

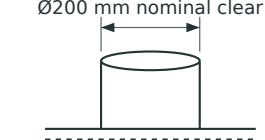
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



Flexible sewn sleeve.
Length, reinforcement and
closure detail: to order.
Support hose independently.

Detail schematic; sleeve height is not specified.

GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 17.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

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ben.lewis@kontainsolutions.com

K-GB-C40-L25

C 40 m × L 25 m | W₀ 20 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available



Kontainer™ Geobags

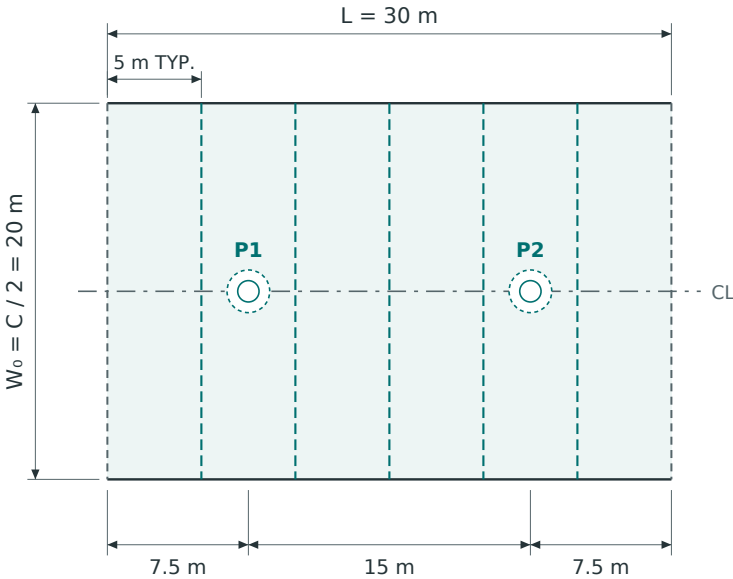
40 m circumference × 30 m nominal length

GENERIC PRODUCT DRAWING

A3 | NOT TO SCALE | DIMENSIONS AS NOTED

01 LAY-FLAT PLAN

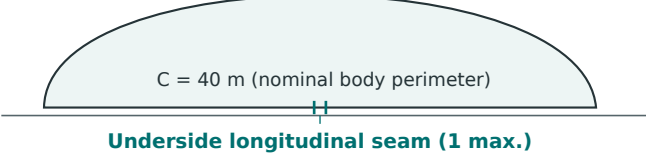
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

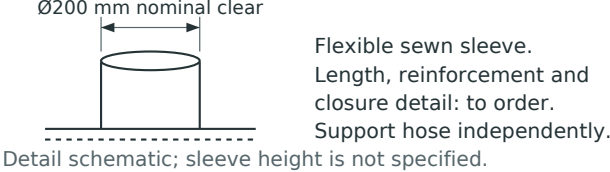
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
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Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

- 1** Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

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Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

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Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

KONTAIN PTY LTD

Kontainer™ Geobags | design and supply
kontainsolutions.com | +61 405 812 770
ben.lewis@kontainsolutions.com

K-GB-C40-L30

C 40 m × L 30 m | W₀ 20 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

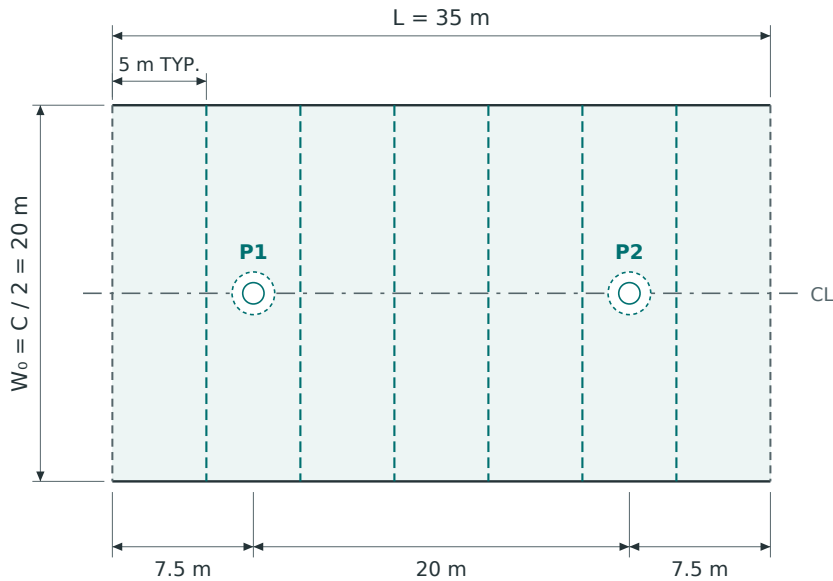
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

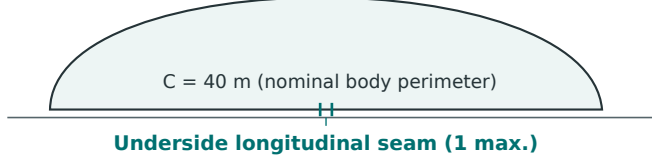
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

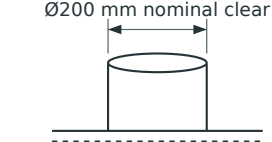
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



Detail schematic; sleeve height is not specified.

Flexible sewn sleeve.
Length, reinforcement and
closure detail: to order.
Support hose independently.

GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C40-L35

C 40 m × L 35 m | W_0 20 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available



Kontainer™ Geobags

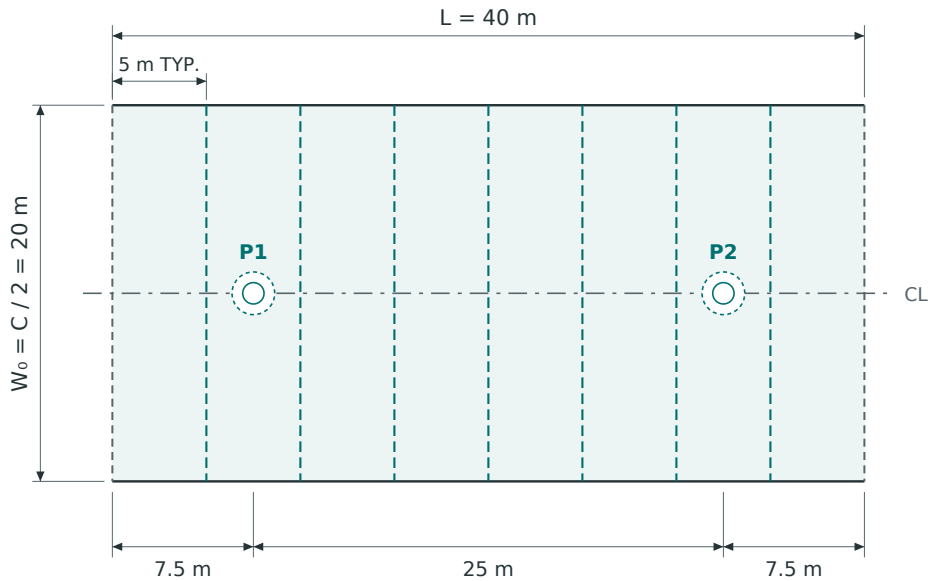
40 m circumference × 40 m nominal length

GENERIC PRODUCT DRAWING

A3 | NOT TO SCALE | DIMENSIONS AS NOTED

01 LAY-FLAT PLAN

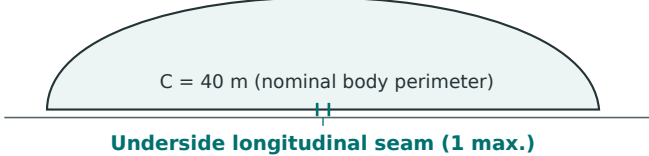
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 2 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

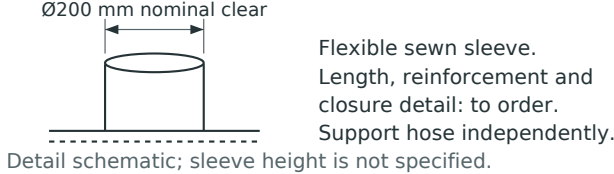
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

- 1** Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

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FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 32.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

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K-GB-C40-L40

C 40 m × L 40 m | W_0 20 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

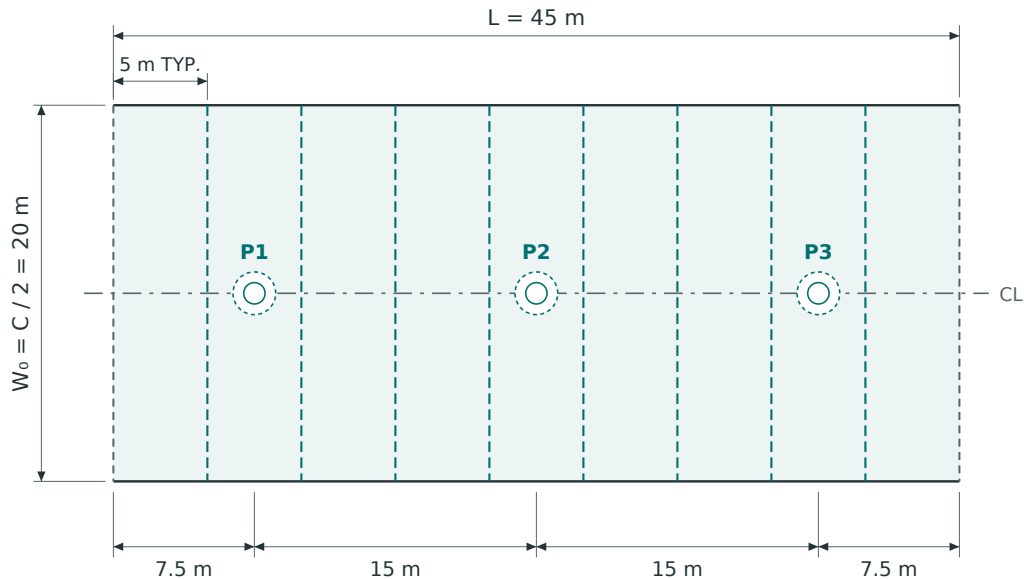
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

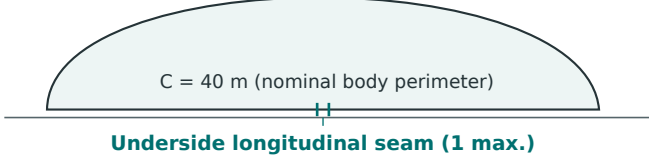
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

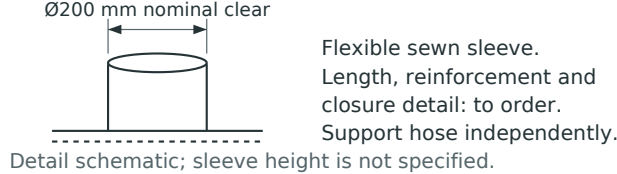
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5, 37.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

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ben.lewis@kontainsolutions.com

K-GB-C40-L45

C 40 m × L 45 m | W₀ 20 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

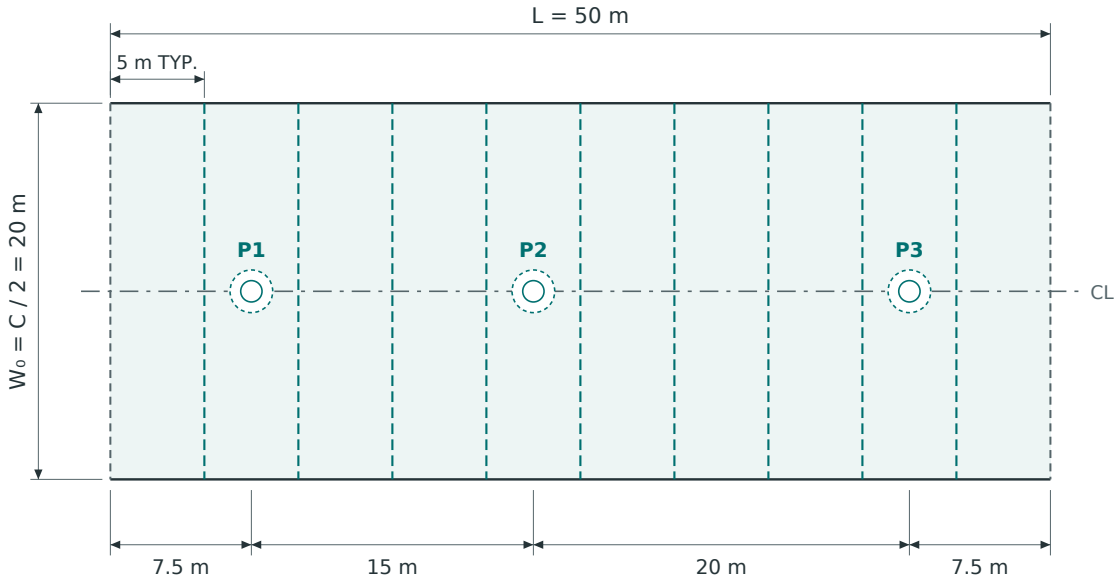
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

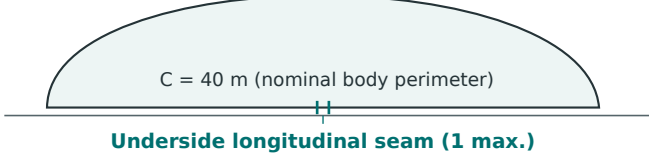
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

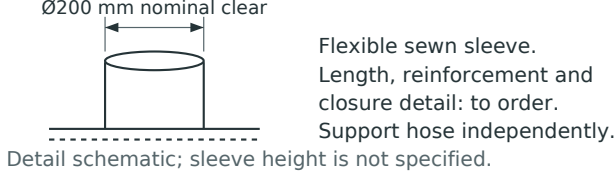
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

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FABRICATION AND SEAMS

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Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

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INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5, 42.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

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K-GB-C40-L50

C 40 m × L 50 m | W₀ 20 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

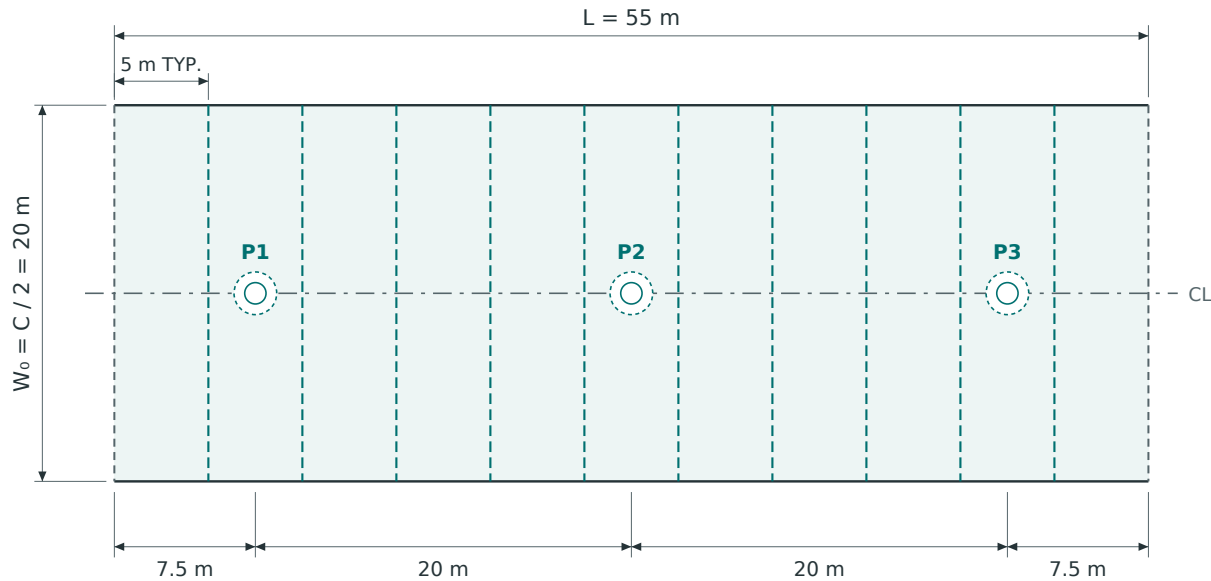
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

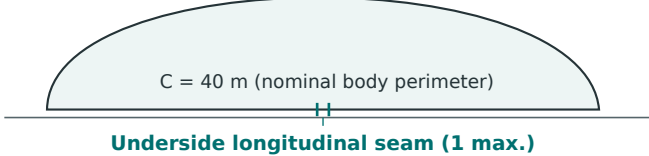
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

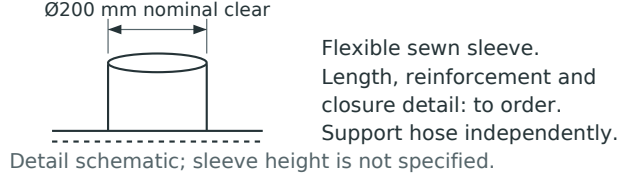
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m ² /s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

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1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

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Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5, 47.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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ben.lewis@kontainsolutions.com

K-GB-C40-L55

C 40 m × L 55 m | W₀ 20 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

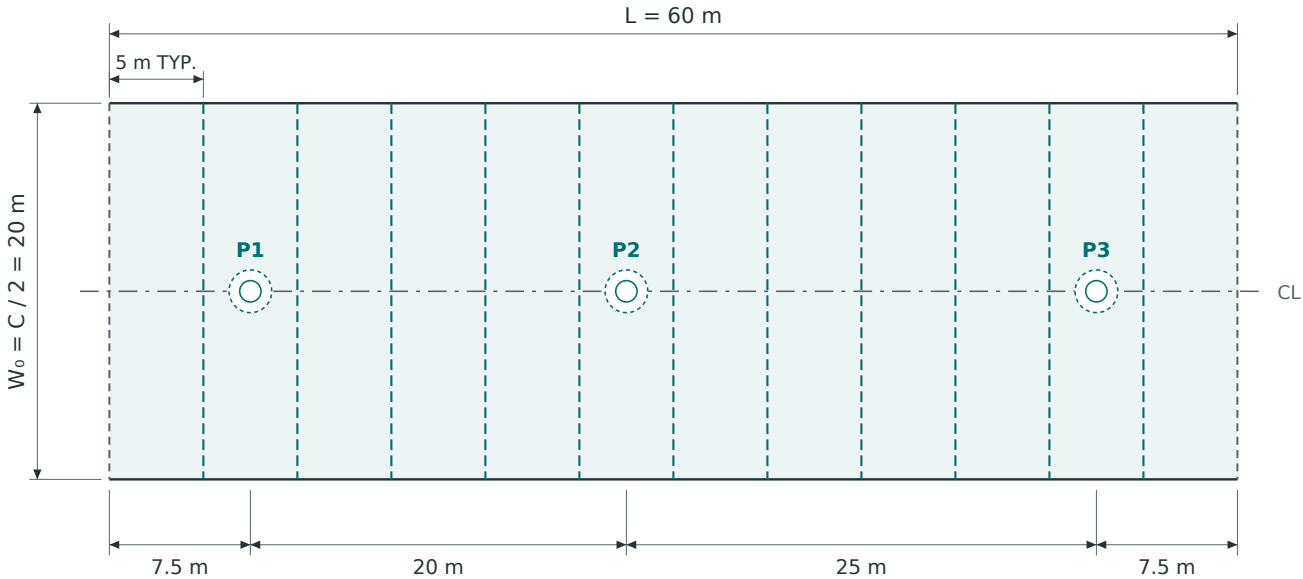
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

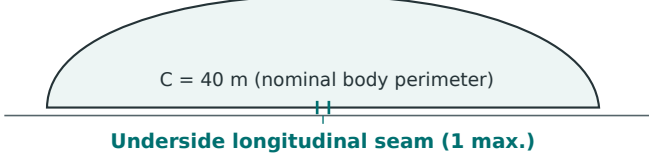
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 3 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

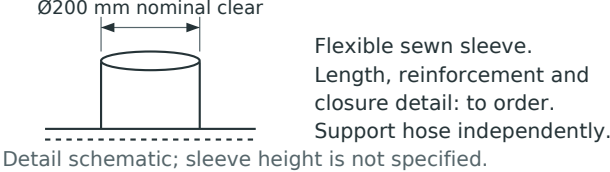
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m²/s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5, 52.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C40-L60

C 40 m × L 60 m | W₀ 20 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

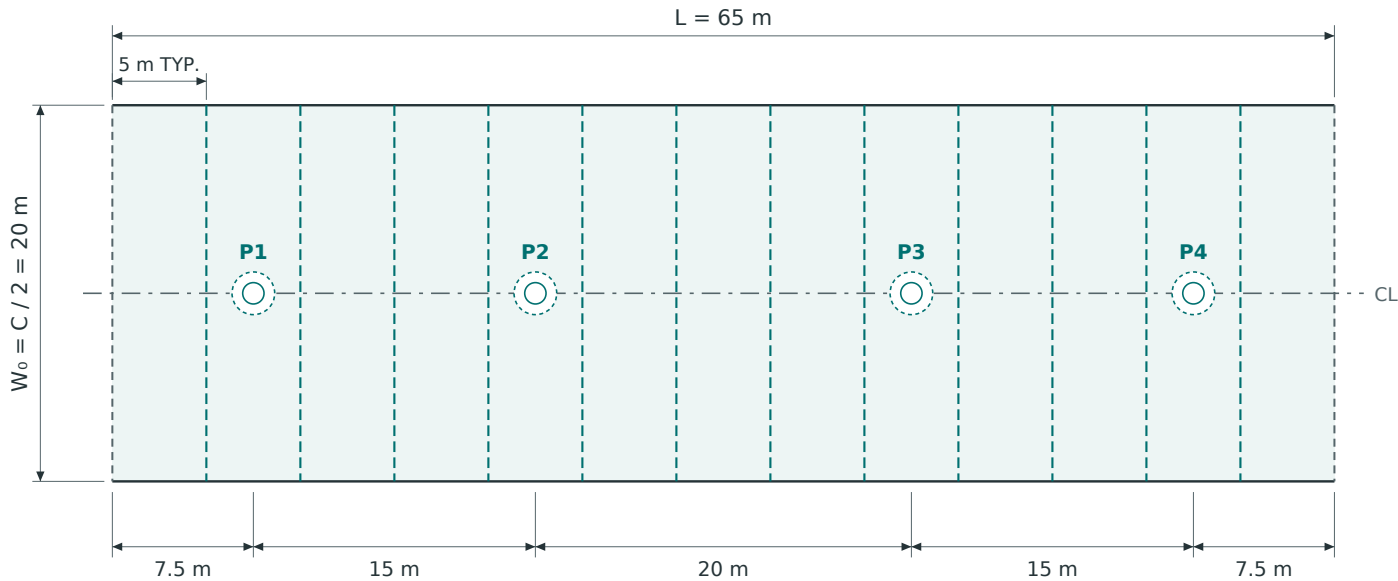
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

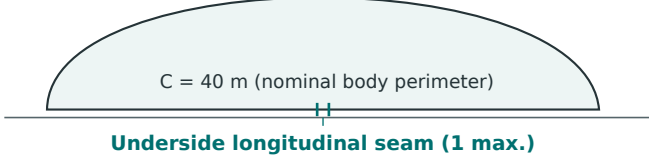
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 4 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

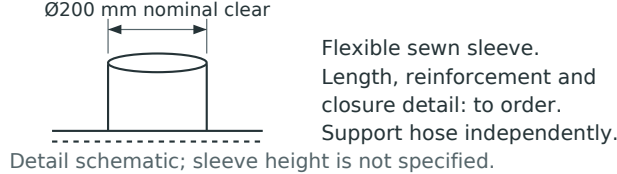
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



GEOTEXTILE OPTIONS

Black woven PP multifilament. Values: K-GTB-TDS-001 Rev 4.

Property / unit	300	500*	750	1000
Tensile MD/CD (kN/m)	90 / 120	90 / 120*	130 / 130	200 / 200
Elongation MD/CD (%)	<13 / <8	<13 / <8*	10 / 8	<15 / <8
CBR puncture (kN)	9	9*	>16	20
Tube seam ¹ (kN/m)	>90	>90*	>90	170
Opening ² (µm)	O95 ≤425	500*	O90 300	O90 <450
Clean-water flow ³ (L/m ² /s)	40	50*	>13	>20
UV retained ⁴ (%)	>90	>90*	>90	>90
Abrasion retained (%)	ND	ND	>90	ND
Oxidation retained (%)	ND	ND	ND	>90

***500 Series is provisional:** 500 µm nominal opening and 50 L/m²/s nominal flow; other properties carried over from 300 pending testing. Plain values are declared, not guaranteed minima. ND = not declared.

Methods: tensile/elongation ISO 10319; CBR ISO 12236; seam ISO 10321; flow ISO 11058; abrasion ASTM D4886; oxidation ISO 13438.

1 Seam basis: 300 circumference; 750 CD; 1000 direction unspecified. Other seams and port attachments require separate verification.
2 300 source labels O95 with ISO 12956 (normally O90): confirm designation. 750/1000: O90, ISO 12956. 500: test basis to confirm.
3 Index flow only; confirm head. **4** 300 UV: ASTM D4355; 750/1000: ISO 12224. Only 750 states 500 h. No field-life rating.

FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; W₀ = C / 2, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 22.5, 42.5, 57.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C40-L65

C 40 m × L 65 m | W₀ 20 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

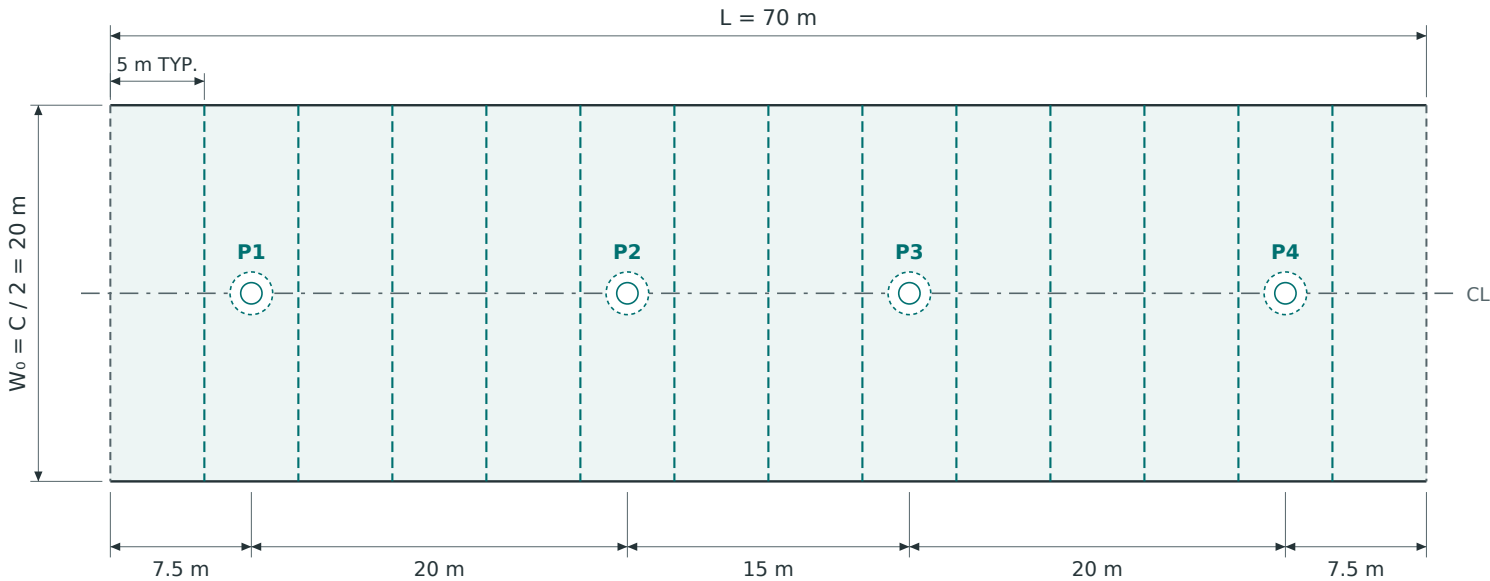
14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available

01 LAY-FLAT PLAN

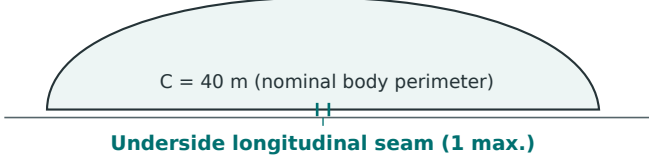
Transverse panel seams at 5 m centres; ports at panel midpoints; one underside longitudinal seam maximum.



STANDARD: 4 × Ø200 mm sleeves; top centreline; centred within 5 m panels.

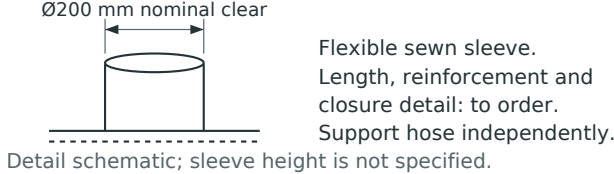
Dashed cross-lines: transverse panel seams. End lines: closures. Sleeve symbols enlarged.

02 INDICATIVE FORMED SECTION



Indicative section; Kontain confirms the project fill height.

03 FABRIC SLEEVE DETAIL



FABRIC SELECTION

425 µm: In Kontain’s experience, often preferable for very fine organic solids with uncertain flocculation, where 300 µm can blind rapidly. Verify solids capture and filtrate quality.

300 µm: Consider for low-colloid mineral slurries, including suitable tailings. Tailings are not necessarily non-colloidal; assess the actual solids.

500 µm: Option for unflocculated organics; assess case by case. Increased fines loss may require conditioning or filtrate treatment.

Multifilament: Kontain prefers a stable, engineered weave for pore geometry under tension. Openings can constrict or enlarge; yarn type alone does not prove stability. Verify loaded performance where critical.

Trial the actual slurry and water chemistry. Select for capture, sustained drainage and resistance to blinding; then check structural demand.

FABRICATION AND SEAMS

C = nominal developed body circumference; $W_0 = C / 2$, excluding fabrication allowances. L is between end closures; these are not filled-footprint dimensions.

Transverse seams at 5 m centres. At most one longitudinal body seam, on the underside centreline. No longitudinal seams on crown or sides. Centre every port within a 5 m panel, 2.5 m from each bounding seam/end closure. Keep reinforcement clear of seams.

Continuous fabric across the crown and sides favours hoop-load transfer through the geotextile. Higher pumping duty may be possible where assembly strength and drainage permit; confirm inlet pressure, flow rate and fill height.

Use qualified sewn seams. Verify every joint, including the underside seam. Confirm MD/CD orientation, seam class, stitch rows/pitch, durable compatible thread, efficiency and production coupons.

Confirm end shape, panel pattern, allowances, tolerances and sleeve length, closure and reinforcement. Not a cutting pattern. Tube-seam data do not rate every joint or port. Retain roll/unit traceability, seam/port inspection, repairs and conformity records.

INSTALLATION AND USE

Provide a stable, smooth, drained platform and suitable protection layer. Collect filtrate and assess treatment or recirculation before discharge.

Confirm maximum fill height, inlet pressure, slurry density and filling sequence for the selected fabric, seams and ports. No safe fill limit or capacity is assigned by this drawing.

Use staged filling. Monitor the full bag and restrain the hose independently. Stop pumping for distress, movement or abnormal leakage. Do not lift a filled unit by its sleeve.

Nominal port centres from left end: 7.5, 27.5, 42.5, 62.5 m. All ports at 5 m panel midpoints; verify reinforcement clearance.

Any number of ports can be provided to suit the project. For heavy sediment solids, increase ports to spread flows more evenly. Custom bags available; verify filling, stacking and service conditions.

FILL HEIGHT AND VOLUME - NEVER ASSUME

Never assume a bag’s fill height or volume from its dimensions. Kontain assesses each bag case by case against verified project details, including solids type, density, solids concentration and filling conditions, then advises its maximum fill height before filling. Working volume varies with the adopted fill height and dewatering behaviour; cumulative pumped slurry and retained solids volumes are different quantities.

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K-GB-C40-L70

C 40 m × L 70 m | W_0 20 m

GENERAL ARRANGEMENT / PRODUCT SELECTION

Order drawing and working limits to be confirmed.

REV F

14 September 2026
5 m transverse seams
Sheet 1 of 1

A3 | NTS

Dimensions: m / mm
NOT FOR CONSTRUCTION
Custom manufacture available