



STAKKAbOX™ ULTIMA is a range of sectional, modular and structural preformed access chambers.

Each chamber is made from 150mm deep stacking sections which interlock to offer flexibility in finished chamber depths.

Sizes shown are standard sizes. Bespoke sizes up to 6000mm x 3000mm are possible. Please contact Sales for more information.

MATERIAL PROPERTIES

Glass Re-inforced Polyester Resin (GRP)

Tensile Strength	ISO 527-4	62 MPA
Flexural Strength	ISO 14125	142 MPA
Flexural Modulus	ISO 14125	9.6 GPa
Impact Strength	ISO 179	64 J/mm ²
Deflection Temperature Range (0.46MPa)	ISO 75-2	>200 °C
Density (g/cm ³)	ISO 1183	1.7 g/cm ³
Water Absorption	ISO 62	<=0.5%
Volume Resistivity	IEC 60093	1.00E +15
Fire Performance	UL 94	HB to V0
Limited Oxygen Index	ISO 4589-2	27%

These are indicative figures. Materials can be formulated to achieve different properties subject to specification/ customer requirements

ULTIMA STANDARD SIZE GUIDE

Length (mm)	Width (mm)	Depth (mm)	Outside Dimensions	Weight	Product Code	Packaging	Datasheet Ref
420mm	240mm	150mm	550mm x 370mm	7.7kg	CPULRS-04200240	60 per pallet	DAT 0101
500mm	500mm	150mm	626mm x 626mm	8.8kg	CPULRS-05000500	16 per pallet	DAT 0102
530mm	380mm	150mm	660mm x 510mm	8.9kg	CPULRS-05300380	28 per pallet	DAT 0103
750mm	750mm	150mm	876mm x 876mm	10.5kg	CPULRS-07500750	10 per pallet	DAT 0105
800mm	800mm	150mm	926mm x 926mm	13.2kg	CPULRS-08000800	10 per pallet	DAT 0106
885mm	530mm	150mm	1011mm x 650mm	14kg	CPULRS-08850530	20 per pallet	DAT 0107
915mm	445mm	150mm	1041mm x 571mm	10.8kg	CPULRS-09150445	20 per pallet	DAT 0108
1050mm	1050mm	150mm	1176mm x 1176mm	17.6kg	CPULRS-10501050	10 per pallet	DAT 0110
1160mm	380mm	150mm	1290mm x 510mm	11.4kg	CPULRS-11600380	14 per pallet	DAT 0111
1200mm	600mm	150mm	1326mm x 726mm	18.9kg	CPULRS-12000600	10 per pallet	DAT 0112
1200mm	1200mm	150mm	1326mm x 1326mm	20.4kg	CPULRS-12001200	10 per pallet	DAT 0113
1310mm	610mm	150mm	1408mm x 708mm	14.1kg	CPULRS-13100610	10 per pallet	DAT 0114
1310mm	850mm	150mm	1436mm x 976mm	15.8kg	CPULRS-13100850	10 per pallet	DAT 0115
1380mm	530mm	150mm	1506mm x 656mm	15.7kg	CPULRS-13800530	10 per pallet	DAT 0116
1500mm	750mm	150mm	1598mm x 848mm	15.7kg	CPULRS-15000750	10 per pallet	DAT 0117
1500mm	1500mm	150mm	1626mm x 1626mm	21.1kg	CPULRS-15001500	10 per pallet	DAT 0118
1830mm	530mm	150mm	1996mm x 656mm	19.8kg	CPULRS-18000530	10 per pallet	DAT 0119
1900mm	1200mm	150mm	2026mm x 1326mm	38kg	CPULRS-19001200	10 per pallet	DAT 0120
2500mm	1200mm	150mm	2630mm x 1330mm	31.9kg	CPULRS-25001200	On request	DAT 0121

DAT 0100	
V2.0	03/02/2012

STAKKAbox™ ULTIMA

Preformed access chamber section

**CLEAR OPENING****2500mm x
1200mm****PRODUCT PROFILE:**

Stacking Depth:	150mm
Actual Depth:	160mm
Outside Dimensions:	2630mm x 1330mm
Vertical Loading:	The product is designed for use in both footway and roadway installations where it provides access to underground ducting (EN124 Class A15-E600).
Weight:	31.9kg
Product Code:	CPULRS-25001200
Product Type:	Cut and Bolt
Packaging:	
Notes:	N/A

MATERIAL PROFILE:

Chamber Material:	Glass Reinforced Polyester Resin (GRP)
Colour:	Grey
Working Temperature Range:	-60°C to +160°C

TECHNICAL REFERENCES:

Drawing Reference:	CPULRS-25001200
Material Properties:	Please refer to ULTIMA Specification Datasheet DAT 0100
Test Reports:	On request



DAT 0121	
V2.0	02/02/2012

STAKKAbox™ ULTIMA

Preformed access chamber section

**CLEAR OPENING****750mm** **X**
750mmNo image
currently
available**PRODUCT PROFILE:**

Stacking Depth:	150mm
Actual Depth:	160mm
Outside Dimensions:	876mm x 876mm
Vertical Loading:	The product is designed for use in both footway and roadway installations where it provides access to underground ducting (EN124 Class A15-E600).
Weight:	10.5kg
Product Code:	CPULRS-07500750
Product Type:	Cut and Bolt
Packaging:	10 per pallet
Notes:	N/A

MATERIAL PROFILE:

Chamber Material:	Glass Reinforced Polyester Resin (GRP)
Colour:	Grey
Working Temperature Range:	-60°C to +160°C

TECHNICAL REFERENCES:

Drawing Reference:	CPULRS-07500750
Material Properties:	Please refer to ULTIMA Specification Datasheet DAT 0100
Test Reports:	On request

DAT 0105	
V2.0	02/02/2012

STAKKAbox™ ULTIMA

Preformed access chamber section



CLEAR OPENING

1200mm X
1200mm



PRODUCT PROFILE:

Stacking Depth:	150mm
Actual Depth:	160mm
Outside Dimensions:	1326mm x 1326mm
Vertical Loading:	The product is designed for use in both footway and roadway installations where it provides access to underground ducting (EN124 Class A15-E600).
Weight:	20.4kg
Product Code:	CPULRS-12001200
Product Type:	Solid Ring
Packaging:	10 per pallet
Notes:	N/A



MATERIAL PROFILE:

Chamber Material:	Glass Reinforced Polyester Resin (GRP)
Colour:	Grey
Working Temperature Range:	-60°C to +160°C

TECHNICAL REFERENCES:

Drawing Reference:	CPULRS-12001200
Material Properties:	Please refer to ULTIMA Specification Datasheet DAT 0100
Test Reports:	On request



DAT 0113	
V2.0	02/02/2012

STAKKAbox™ ULTIMA

Preformed access chamber section



CLEAR OPENING

1310mm x 850mm



PRODUCT PROFILE:

Stacking Depth:	150mm
Actual Depth:	160mm
Outside Dimensions:	1436mm x 976mm
Vertical Loading:	The product is designed for use in both footway and roadway installations where it provides access to underground ducting (EN124 Class A15-E600).
Weight:	15.8kg
Product Code:	CPULRS-13100850
Product Type:	Solid Ring
Packaging:	10 per pallet
Notes:	N/A



MATERIAL PROFILE:

Chamber Material:	Glass Reinforced Polyester Resin (GRP)
Colour:	Grey
Working Temperature Range:	-60°C to +160°C

TECHNICAL REFERENCES:

Drawing Reference:	CPULRS-13100850
Material Properties:	Please refer to ULTIMA Specification Datasheet DAT 0100
Test Reports:	On request



DAT 0115	
V2.0	02/02/2012

STAKKAbox™ ULTIMA

Preformed access chamber section



CLEAR OPENING

1500mm x 750mm



PRODUCT PROFILE:

Stacking Depth:	150mm
Actual Depth:	160mm
Outside Dimensions:	1598mm x 848mm
Vertical Loading:	The product is designed for use in both footway and roadway installations where it provides access to underground ducting (EN124 Class A15-E600).
Weight:	15.7kg
Product Code:	CPULRS-15000750
Product Type:	Solid Ring
Packaging:	10 per pallet
Notes:	N/A



MATERIAL PROFILE:

Chamber Material:	Glass Reinforced Polyester Resin (GRP)
Colour:	Grey
Working Temperature Range:	-60°C to +160°C

TECHNICAL REFERENCES:

Drawing Reference:	CPULRS-15000750
Material Properties:	Please refer to ULTIMA Specification Datasheet DAT 0100
Test Reports:	On request



DAT 0117	
V2.0	02/02/2012

STAKKAbox™ ULTIMA

Preformed access chamber section



CLEAR OPENING

1500mm X
1500mm

No image
currently
available

PRODUCT PROFILE:

Stacking Depth:	150mm
Actual Depth:	160mm
Outside Dimensions:	1626mm x 1626mm
Vertical Loading:	The product is designed for use in both footway and roadway installations where it provides access to underground ducting (EN124 Class A15-E600).
Weight:	21.1kg
Product Code:	CPULRS-15001500
Product Type:	Cut and Bolt
Packaging:	10 per pallet
Notes:	N/A

MATERIAL PROFILE:

Chamber Material:	Glass Reinforced Polyester Resin (GRP)
Colour:	Grey
Working Temperature Range:	-60°C to +160°C

TECHNICAL REFERENCES:

Drawing Reference:	CPULRS-15001500
Material Properties:	Please refer to ULTIMA Specification Datasheet DAT 0100
Test Reports:	On request

DAT 0118	
V2.0	02/02/2012

STAKKAbox™ ULTIMA

Preformed access chamber section

**CLEAR OPENING****1900mm x
1200mm****PRODUCT PROFILE:**

Stacking Depth:	150mm
Actual Depth:	160mm
Outside Dimensions:	2026mm x 1326mm
Vertical Loading:	The product is designed for use in both footway and roadway installations where it provides access to underground ducting (EN124 Class A15-E600).
Weight:	38kg
Product Code:	CPULRS-19001200
Product Type:	Cut and Bolt
Packaging:	10 per pallet
Notes:	N/A

MATERIAL PROFILE:

Chamber Material:	Glass Reinforced Polyester Resin (GRP)
Colour:	Grey
Working Temperature Range:	-60°C to +160°C

TECHNICAL REFERENCES:

Drawing Reference:	CPULRS-19001200
Material Properties:	Please refer to ULTIMA Specification Datasheet DAT 0100
Test Reports:	On request



DAT 0120	
V2.0	02/02/2012