

STAKKAbox™ MODULA

Specification Guide



STAKKAbox™ MODULA is a range of sectional, modular and structural preformed access chambers.

Component rings are constructed from corner pieces which can be used alone to form a 300mm square section or in combination with side-wall pieces measuring 100mm, 150mm and 300mm to produce a wide range of chamber sizes.

MATERIAL PROPERTIES

20% Talc Filled Polypropylene (PP)

Tensile Strength	ISO 527-4	27.6 MPA
Flexural Strength	ISO 14125	40 MPA
Flexural Modulus	ISO 14125	2.4 GPa
Impact Strength	ISO 179	50 J/mm ²
Deflection Temperature Range (0.46MPa)	ISO 75-2	82.2 °C
Density (g/cm ³)	ISO 1183	1.05 g/cm ³
Water Absorption	ISO 62	0.03%
Volume Resistivity	IEC 60093	1.00E +16
Fire Performance	UL 94	HB
Limited Oxygen Index	ISO 4589-2	21%

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

MODULA STANDARD SIZE GUIDE

Length (mm)	Width (mm)	Depth (mm)	Outside Dimensions	Weight	Product Code	Packaging	Datasheet Ref
450mm	450mm	155mm	544mm x 544mm	4.31kg	CPMORS-04500450	40 per pallet	DAT 0202
600mm	450mm	155mm	694mm x 544mm	5.25kg	CPMORS-06000450	40 per pallet	DAT 0203
600mm	600mm	155mm	694mm x 694mm	5.67kg	CPMORS-06000600	20 per pallet	DAT 0204
300mm	300mm	155mm	394mm x 394mm	3.44kg	CPMORS-03000300	90 per pallet	DAT 0205
450mm	300mm	155mm	544mm x 394mm	4.36kg	CPMORS-04500300	60 per pallet	DAT 0206
675mm	675mm	155mm	769mm x 769mm	7.6kg	CPMORS-06750675	20 per pallet	DAT 0207
750mm	600mm	155mm	844mm x 694mm	7.84kg	CPMORS-07500600	20 per pallet	DAT 0208
750mm	750mm	155mm	844mm x 844mm	8.76kg	CPMORS-07500750	15 per pallet	DAT 0209
800mm	800mm	155mm	894mm x 894mm	10.04kg	CPMORS-08000800	15 per pallet	DAT 0210
900mm	450mm	155mm	994mm x 544mm	7.84kg	CPMORS-09000450	20 per pallet	DAT 0211
900mm	600mm	155mm	994mm x 694mm	8.66kg	CPMORS-09000600	20 per pallet	DAT 0212
900mm	900mm	155mm	994mm x 994mm	7.28kg	CPMORS-09000900	10 per pallet	DAT 0213
975mm	975mm	155mm	1069mm x 1069mm	11.08kg	CPMORS-09750975	10 per pallet	DAT 0214
1050mm	1050mm	155mm	1144mm x 1144mm	10.72kg	CPMORS-10501050	10 per pallet	DAT 0215
1200mm	450mm	155mm	1294mm x 544mm	9.58kg	CPMORS-12000450	20 per pallet	DAT 0216
1200mm	600mm	155mm	1294mm x 694mm	10.4kg	CPMORS-12000600	10 per pallet	DAT 0217
1200mm	675mm	155mm	1294mm x 769mm	10.74kg	CPMORS-12000675	10 per pallet	DAT 0218
1200mm	1200mm	155mm	1294mm x 1294mm	13.88kg	CPMORS-12001200	10 per pallet	DAT 0219
450mm	300mm	300mm	544mm x 394mm	6.67kg	CPMORS-04500300-00020000C	20 per pallet	DAT 0201

DAT 200	
V2.0	03/02/2012

STAKKAbox™ MODULA

Preformed access chamber section



CLEAR OPENING

300mm X
300mm



PRODUCT PROFILE:

Stacking Depth: 155mm
Actual Depth: 165mm
Outside Dimensions: 394mm x 394mm
Vertical Loading: The product is designed for use in both footway and roadway installations where it provides access to underground ducting (EN124 Class A15-D400).
Weight: 3.44kg
Product Code: CPMORS-03000300
Product Type: Component Section
Packaging: 90 per pallet
Notes: N/A



MATERIAL PROFILE:

Chamber Material: Talc filled Polypropylene (PP)
Colour: Black
Working Temperature Range: -40°C to +120°C

TECHNICAL REFERENCES:

Drawing Reference: CPMORS-03000300
Material Properties: Please refer to MODULA Specification Datasheet DAT 0200
Test Reports: On request



DAT 0205	
V2.0	02/02/2012

STAKKAbox™ MODULA

Preformed access chamber section



CLEAR OPENING

450mm X
450mm



PRODUCT PROFILE:

Stacking Depth:	155mm
Actual Depth:	165mm
Outside Dimensions:	544mm x 544mm
Vertical Loading:	The product is designed for use in both footway and roadway installations where it provides access to underground ducting (EN124 Class A15-D400).
Weight:	4.31kg
Product Code:	CPMORS-04500450
Product Type:	Solid Ring
Packaging:	40 per pallet
Notes:	N/A



MATERIAL PROFILE:

Chamber Material:	Talc filled Polypropylene (PP)
Colour:	Black
Working Temperature Range:	-40°C to +120°C

TECHNICAL REFERENCES:

Drawing Reference:	CPMORS-04500450
Material Properties:	Please refer to MODULA Specification Datasheet DAT 0200
Test Reports:	On request



DAT 0202	
V2.0	02/02/2012

STAKKAbox™ MODULA

Preformed access chamber section



CLEAR OPENING

750mm X **750mm**



PRODUCT PROFILE:

Stacking Depth:	155mm
Actual Depth:	165mm
Outside Dimensions:	844mm 844mm
Vertical Loading:	The product is designed for use in both footway and roadway installations where it provides access to underground ducting (EN124 Class A15-D400).
Weight:	8.76kg
Product Code:	CPMORS-07500750
Product Type:	Component Section
Packaging:	15 per pallet
Notes:	N/A



MATERIAL PROFILE:

Chamber Material:	Talc filled Polypropylene (PP)
Colour:	Black
Working Temperature Range:	-40°C to +120°C

TECHNICAL REFERENCES:

Drawing Reference:	CPMORS-07500750
Material Properties:	Please refer to MODULA Specification Datasheet DAT 0200
Test Reports:	On request



DAT 0209	
V2.0	02/02/2012