Ridgiduct Power HV

Data Sheet

PRODUCT INFORMATION P1 ISSUE 5 - Jan 2016

Manufactured from polypropylene, Ridgiduct Power HV offers a stiff, yet flexible cable protections system, which complies fully with ENATS 12-14 Class 1 specification. It is available in sizes 100, 125 and 150mm with a black outer and red inner as standard, but can also be manufactured with a red outer and red inner.

Key Features and Benefits:

- Complies with ENATS 12-24 Class 1 specification 450N compressive strength at 75°C
- Complies with BS EN 61386-24:2010, 750N normal duty impact resistance
- Suitable for use with high-voltage, XLPE sheathed cables
- IP4X rated system(dust protection)
- Available with a red inner wall and red or black outer wall for increased identification
- Supplied with an integral coupler
- Full range of fittings and accessories available
- Low weight, flexible, durable and high in strength

ENATS (12-24)

RIDGIDUCT POWER HV DUCT					
Product Code	ID (mm)	OD (mm)	Length (m)	Colour	Pack Qty
RBHV100X2(B or R)*	100	118	2	Black or Red	85
RBHV125X2(B or R)*	125	148	2	Black or Red	46
RBHV150X2(B or R)*	150	178	2	Black or Red	36
RBHV100X3(B or R)*	100	118	3	Black or Red	85
RBHV125X3(B or R)*	125	148	3	Black or Red	46
RBHV150X3(B or R)*	150	178	3	Black or Red	36
RBHV100X6(B or R)	100	118	6	Black or Red	85
RBHV125X6(B or R)	125	148	6	Black or Red	46
RBHV150X6(B or R)	150	178	6	Black or Red	36

Available in black (B) or red (R). Please specify with order.
*Red (R) and black (B) are made to order and subject to lead times.
Note: not a sealed system. Where a sealed system is required, our PVCu Power HV Duct with sealed joints tested to BS EN 1227 is available.

Joint Integrity:

The Ridgiduct Power HV system is Class 1 compliant in accordance with ENATS 12-24 Issue 3. ENATS 12-24 requires the protective properties of the joint to be not less than IP4X as specified by BS EN 60529. IP4X designates the joint as having protection against access to hazardous parts by a wire and as such should not be considered an air or water tight joint. Where a sealed systems is required, Polypipe's range of ENATS 12-24 Class 1 compliant PVCu duct with joints tested to BS EN 1277 should be considered.

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Polypipe

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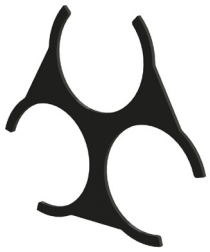
RIDGIDUCT POWER HV COUPLINGS & END CAPS			
Description	Product Code	Diameter mm	Colour
Ridgiduct Power HV Coupling	RBC100	100	Black
	RBC125	125	Black
	RBC150	150	Black
End Caps	EC1059	100	Yellow
	EC3051	125	Yellow
	EC1778	150	Yellow

RIDGIDUCT POWER HV BENDS					
Description	Product Code	Radius m	Angle	Colour	Pack Qty
PVCu Double Socket Bend 100mm	RBHVB100X11X3.9(B or R)*	3.9	11.25°	Black or Red	1
	RBHVB100X22X3.9(B or R)*	3.9	22.5°	Black or Red	1
	RBHVB100X45X1.2(B or R)*	1.2	45°	Black or Red	1
	RBHVB100X90X1.2(B or R)*	1.2	90°	Black or Red	1
PVCu Double Socket Bend 125mm	RBHVB125X11X3.9(B or R)*	3.9	11.25°	Black or Red	1
	RBHVB125X22X3.9(B or R)*	3.9	22.5°	Black or Red	1
	RBHVB125X45X1.2(B or R)*	1.2	45°	Black or Red	1
	RBHVB125X90X1.2(B or R)*	1.2	90°	Black or Red	1
PVCu Double Socket Bend 150mm	RBHVB150X11X3.9(B or R)*	3.9	11.25°	Black or Red	1
	RBHVB150X22X3.9(B or R)*	3.9	22.5°	Black or Red	1
	RBHVB150X45X1.2(B or R)*	1.2	45°	Black or Red	1
	RBHVB150X90X1.2(B or R)*	1.2	90°	Black or Red	1

Available in red (R) or black (B). Please specify with order. Complies with manufacturing and test requirements of ENATS 12-24.
*Red (R) is made to order and are subject to lead times.

Trefoil Accessories: Key Features and Benefits

- Manufactured from polypropylene
- Suitable for use with both Ridgiduct Power HV duct lengths and bends
- Supports duct arrangement during installation and burial
- Ensures consistent spacing of duct lengths and bends



RIDGIDUCT POWER HV TREFOIL CLIPS			
Product Code	Diameter (mm)	Colour	Pack Qty
RBTC100	100	Black	10
RBTC125	125	Black	10
RBTC150	150	Black	10

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