

Power - Class 2

Ridgiduct Power

Ridgiduct is a twinwall system, specifically engineered to provide a light, yet robust solution for cable protection. Ridgiduct is manufactured from high density polyethylene (HDPE) and the resulting stiff, yet flexible, twinwall structure easily outperforms alternative products.

Ridgiduct Power key benefits

- Complies with ENATS 12-24 Class 2 specification 450N compressive strength at 50°C
- Complies with BS EN 61386-24:2010, Type 750N, normal duty impact resistance
- A preferred choice for many distribution network operator (DNO) companies
- Network Rail PADS approved
- Supplied with an integral coupling
- IP4X rated system, protection against ingress of solid foreign objects
- Low weight, flexible, durable and high strength
- Good impact resistance, even at low temperatures
- Available in an alternative twinwall split duct form for easy installation around existing cables with minimal change in strength



Ridgiduct bend



Ridgiduct coupling



Ridgiduct Power Duct				
ID mm	OD mm	Length m	Code	Pack qty
100	118	2	RB100X2*	85
100	118	3	RB100X3*	85
100	118	6	RB100X6*	85
125	148	2	RB125X2	46
125	148	3	RB125X3	46
125	148	6	RB125X6	46
150	178	2	RB150X2*	36
150	178	3	RB150X3*	36
150	178	6	RB150X6*	36
225	267	6	RB225X6PE ▲*	14
300	354	6	RB300X6PE ▲*	9

▲ Made to order and subject to lead times. Supplied plain ended, please order couplings and seals separately. *A sealed system can be achieved using Ridgidrain sealing rings and/or couplings, please see page 23.

Ridgiduct Double Socket Bends				
Nominal size mm	Bend radius m	Angle	Code	Pack qty
100	2.4	11.25°	RBB100X11X2.4*	1
100	2.4	22.5°	RBB100X22X2.4*	1
100	0.45	45°	RBB100X45X0.45*	1
100	0.45	90°	RBB100X90X0.45*	1
125	2.4	11.25°	RBB125X11X2.4	1
125	2.4	22.5°	RBB125X22X2.4	1
125	0.61	45°	RBB125X45X0.61*	1
125	0.61	90°	RBB125X90X0.61*	1
150	2.4	11.25°	RBB150X11X2.4	1
150	2.4	22.5°	RBB150X22X2.4	1
150	0.61	45°	RBB150X45X0.61*	1
150	0.61	90°	RBB150X90X0.61*	1

Sealed Ridgiduct bends are available for 100 & 150mm duct.
*Bend radius compliant with ENATS 12-24.
Manufactured from PVCu.

Ridgiduct Coupling		
ID mm	Code	Pack qty
100	RBC100	10
125	RBC125	10
150	RBC150	10
225	CRD225*	7
300	CRD300*	3

*225mm and 300mm couplings are from the Ridgidrain range.
Note: If the system is required to be watertight, then couplings will be required from the Ridgidrain range. For single socket fixed bellmouths and end caps, please see page 127.

Power - Class 3

Polyduct Power

Polyduct Power is manufactured from medium density polyethylene (MDPE) and is an ENATS 12-24 Class 3 specification product, available in coiled lengths. It has exceptional durability and can be used for either open trench or trenchless applications.



ENATS
(12-24)
Polyduct Power

Polyduct Power Duct				
ID mm	OD mm	Length m	Code	Pack qty
32	37	25	PD3237X25BEPE	1
32	37	50	PD3237X50BEPE	1
32	37	100	PD3237X100BEPE	1
38	44	25	PD3844X25BEPE	1
38	44	50	PD3844X50BEPE	1
38	44	100	PD3844X100BEPE	1
50	60	25	PD5060X25BEPE	1
50	60	50	PD5060X50BEPE	1

Polyduct Power key benefits

- Complies with ENATS 12-24 Class 3, 450N compressive strength at 23°C
- Complies with BS EN 61386-24:2010, Type 450N, normal duty impact resistance
- Available in 25m, 50m or 100m coils plain ended
- Flexibility of coil eliminates the needs for specialised bends
- High impact resistance

Polyduct Black Couplings			
ID mm	OD mm	Code	Pack qty
32	37	PDC32	1
38	44	PDC38	1
50	60	PDC50	1



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Polyduct coupling

Ridgiduct Power Duct (non-standard sizes)					
ID mm	OD mm	Length m	Code	Coupling code	Pack qty
94	110	6	RB94X6	RBC94	95

Note: Available as a sealed system using CRD94 couplings and SRD94 sealing rings.



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Ridgiduct Power Duct