

Power

Polypipe is the UK's leading supplier to the power and utilities industry and is the approved product for Power Networks. Our products include cable protection that complies with ENAT 12-24 classes 1,2 and 3, as well as above ground solutions such as cable guards and hockey sticks.

Power - class 1

Ridgiduct Power HV



ENATS
(12-24)

Key Benefits

- Complies with ENATS 12-24 Class 1 specification
- Complies with BS EN 61386-24
- Suitable for use with high voltage, XLPE sheathed cables
- Available with red inner wall and red or black outer wall for increased identification
- Manufactured from Polypropylene
- Full range of accessories available

Complies with ENATS 12-24 Class 1, 450N at 75°C

Complies with BS EN 61386-24. 750N, normal duty impact.

Ridgiduct Power HV ENATS 12-24 Class 1 Specification

ID mm	OD mm	Length m	Colour	Code
100	118	2	Red or Black	RBHV100X2 (R* or B)
125	148	2	Red or Black	RBHV125X2 (R* or B)
150	178	2	Red or Black	RBHV150X2 (R* or B)
100	118	3	Red or Black	RBHV100X3 (R* or B)
125	148	3	Red or Black	RBHV125X3 (R* or B)
150	178	3	Red or Black	RBHV150X3 (R* or B)
100	118	6	Red or Black	RBHV100X6 (R* or B)
125	148	6	Red or Black	RBHV125X6 (R* or B)
150	178	6	Red or Black	RBHV150X6 (R* or B)

Available in Red (R) or Black (B). Please specify with order.

*Red (R) is Made to Order

Ridgiduct Power HV Bends

Description	Radius m	Angle	Colour	Code
PVC Double Socket Bend 100mm	3.9	11.25°	Black	RBHVB100X11X3.9B
	3.9	22.5°	Black	RBHVB100X22X3.9B
	1.2	45°	Black	RBHVB100X45X1.2B
	1.2	90°	Black	RBHVB100X90X1.2B
PVC Double Socket Bend 125mm	3.9	11.25°	Black	RBHVB125X11X3.9B
	3.9	22.5°	Black	RBHVB125X22X3.9B
	1.2	45°	Black	RBHVB125X45X1.2B
	1.2	90°	Black	RBHVB125X90X1.2B
PVC Double Socket Bend 150mm	3.9	11.25°	Black	RBHVB150X11X3.9B
	3.9	22.5°	Black	RBHVB150X22X3.9B
	1.2	45°	Black	RBHVB150X45X1.2B
	1.2	90°	Black	RBHVB150X90X1.2B

Available in Red (R) or Black (B). Please specify with order.

Note: All bends are made to order and are subject to lead times.

Complies with manufacturing and test requirements of ENATS 12-24.

Ridgiduct Power HV Trefoil Accessories

Description	Diameter mm	Colour	Product Code
Trefoil Clip	100	Black	RBTC100
	125	Black	RBTC125
	150	Black	RBTC150

Key Features

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

Trefoil clip



PVCu Duct

PVCu Duct

Nominal wall thickness mm	ID mm	Length m	Colour	Code
UNSEALED				
4.1	100	6	Black	SD7110X6BNS ▲
4.4	117	6	Black	SD7125X6BNS ▲
5.2	150	6	Black	SD7160X6BNS ▲
4.1	100	6	Red	SD7110X6RNS ▲
4.4	117	6	Red	SD7125X6RNS ▲
5.2	150	6	Red	SD7160X6RNS ▲
SEALED				
4.1	100	6	Black	SD7110X6BSPE UG402B ▲
5.2	150	6	Black	SD7160X6BSPE UG402B ▲
4.1	100	6	Red	SD7110X6RSPE UG404B ▲
5.2	150	6	Red	SD7160X6RNS UG402B ▲

All sizes are available in PVCu.
Bend radius information required at quote.
▲ Made to order and subject to lead times.



ENATS
(12-24)

Key Benefits

- Complies with ENATS 12-24 Class 1 specification
- Complies with BS EN 61386-24
- Full range of fittings available
- Used for high voltage applications
- Can also be used in medium and low voltage applications
- 6m lengths as standard (other lengths available on request)
- Standard markings - Electrical Cable Duct (other markings available on request)

Power

Power - class 2

Complies with ENATS 12-24 Class 2, 450N at 50°C.

Complies with BS EN 61386-24 750N, normal duty impact.

Ridgiduct power

Ridgiduct is a twin wall system, specifically engineered to provide a light, yet robust, alternative to conventional cable protection. Ridgiduct is manufactured in HDPE and the resulting stiff, yet flexible, twin wall structure easily outperforms alternative products. Complementing the Ridgiduct range are a selection of twin wall long radius drawn bends, manufactured in HDPE. These are available in most sizes and a range of angles.



ENATS
(12-24)

Key Benefits

- Complies with ENATS 12-24 Class 2 specification
- Complies with BS EN 61386-24
- A preferred choice of regional electricity companies
- Integral coupler
- Low weight, flexible, durable and high strength
- Good impact resistance, even at low temperatures
- Available in an alternative twin wall split duct form for easy installation around existing cables with minimal change in strength

Ridgiduct Power ENATS 12-24 (Standard sizes)

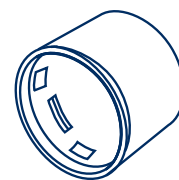
ID mm	OD mm	Length m	Code	Pack Qty
100	118	2	RB7100X2	85
100	118	3	RB7100X3	85
100	118	6	RB7100X6	85
125	148	2	RB125X2	46
125	148	3	RB125X3	46
125	148	6	RB125X6	46
150	178	2	RB150X2	36
150	178	3	RB150X3	36
150	178	6	RB150X6	36

Ridgiduct Coupling

Description	ID mm	Code	Pack Qty
Black coupling	100	RBC100	10
Black coupling	125	RBC125	10
Black coupling	150	RBC150	10

Note: Ridgiduct as a sealed system. If the system is required to be water tight, then couplers will be required from the Ridgidrain range.

Ridgiduct coupling



Ridgiduct Bends

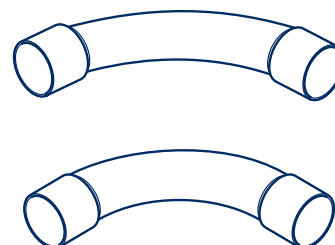
Description	Radius m	Angle°	Code	Pack Qty
PVCu Double Socket Bend 100mm	2.4	11.25	RBB100X11X2.4 ▲*	1
	2.4	22.5	RBB100X22X2.4 ▲*	1
	0.45	45	RBB100X45X0.45	1
	0.45	90	RBB100X90X0.45	1
PVCu Double Socket Bend 125mm	2.4	11.25	RBB125X11X2.4 ▲*	1
	2.4	22.5	RBB125X22X2.4 ▲*	1
	0.61	45	RBB125X45X0.61	1
	0.61	90	RBB125X90X0.61	1
PVCu Double Socket Bend 150mm	2.4	11.25	RBB150X11X2.4 ▲*	1
	2.4	22.5	RBB150X22X2.4 ▲*	1
	0.61	45	RBB150X45X0.61	1
	0.61	90	RBB150X90X0.61	1

Sealed Ridgiduct bends are available for 100 & 150mm duct.

▲ Made to order and subject to lead times.

*Compliant with ENATS 12-24

Ridgiduct bends



Power

Power - class 3

Key benefits

- High impact
- Ease of use and transportation
- Flexibility of coiled duct eliminating the need for special bends
- Exceptional durability
- Can be used for trenchless applications
- Complies with BS EN 61386-24
- Complies with ENATS 12-24 Class 3 specification

Polyduct black electric cable duct



ENATS
(12-24)

Ridgicoid power



Complies with ENATS 12-24 Class 3, 450N at 23°C.

Complies with BS EN 61386-24 450N, normal duty impact.

Polyduct power

Polyduct is manufactured in MDPE or HDPE and is a class 3 product which is available in both straight lengths and coils. It can be used for either open trench or trenchless applications.

Polyduct Black Electric Cable Duct				
OD mm	ID mm	Length m	Code	Pack Qty
37	32	100 coil	PD3237X100BEPE	1
37	32	50 coil	PD3237X50BEPE	1
37	32	25 coil	PD3237X25BEPE	1
44	38	100 coil	PD3844X100BEPE	1
44	38	50 coil	PD3844X50BEPE	1
44	38	25 coil	PD3844X25BEPE	1
60	50	50 coil	PD5060X50BEPE	1
60	50	25 coil	PD5060X25BEPE	1

25m and 50m coils available.

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

Ridgicoid is coiled twin wall cable protection, its flexibility eliminates the need for special bends. Complies with BS EN 61386-24 Type 450N, normal impact resistance

Ridgicoid Power Duct			
To suit duct measurements		Length m	Code
OD mm	ID mm		
40	31	50	RC40X50BE
50	40	50	RC50X50BE
63	50	50	RC63X25BE

Printed Electrical Cable Duct.

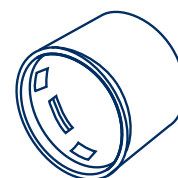
Power - class 3 - non preferred sizes

Ridgiduct Power ENATS 12-24 (Non-standard sizes)				
ID mm	OD mm	Length m	Code	Pack Qty
94	110	6	R894X6	95

Ridgiduct Power ENATS (Standard sizes)				
ID mm	OD mm	Length m	Code	Pack Qty
100	118	2	RB100X2	85
100	118	3	RB100X3	85
100	118	6	RB100X6	85

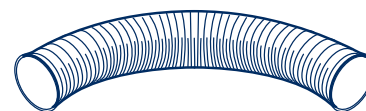
Ridgiduct Coupling			
Description	ID mm	Code	Pack Qty
Black coupling	94	RBC94	10
Black coupling	100	RBC100	10

Ridgiduct coupling



Ridgiduct Black Long Radius Drawn Bends			
Angle	Radius mm	Code	Pack Qty
94mm			
11.25°	420	RBDB94X11X0.42	10
22.5°	420	RBDB94X22X0.42	10
45°	420	RBDB94X45X0.42	7
90°	420	RBDB94X90X0.42	7
100mm			
11.25°	420	RBDB100X11X0.42	10
22.5°	420	RBDB100X22X0.42	10
45°	420	RBDB100X45X0.42	7
90°	420	RBDB100X90X0.42	7
125mm			
11.25°	600	RBDB125X11X0.6	7
22.5°	600	RBDB125X22X0.6	7
45°	600	RBDB125X45X0.6	4
90°	600	RBDB125X90X0.6	3
150mm			
11.25°	610	RBDB150X11X0.61	5
22.5°	610	RBDB150X22X0.61	5
45°	610	RBDB150X45X0.61	4
90°	610	RBDB150X90X0.61	3

Ridgiduct black long radius drawn bends



Ridgicoil Power Duct			
To suit duct measurements OD mm	ID mm	Length m	Code
75	60	50	RC75X50BE
90	71	50	RC90X50BE
110	94	50	RC110X50BE
160	140	25	RC160X25BE

Ridgicoil power duct



Power - accessories

Ridgiduct power split duct

Ridgiduct Power Split Duct is mainly used for ducting existing cables.



Ridgiduct Power Split Duct

ID mm	Length m	Code	Pack Qty
100	1	RB100X1S ▲	85
125	1	RB125X1S ▲	46
150	1	RB150X1S ▲	36
100	2	RB100X2S ▲	85
125	2	RB125X2S ▲	46
150	2	RB150X2S ▲	36
100	3	RB100X3S ▲	85
125	3	RB125X3S ▲	46
150	3	RB150X3S ▲	36

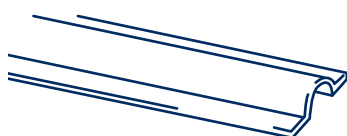
▲ Made to order and subject to lead times.

Ridgiduct Split Duct Fittings

Description	ID mm	Code	Pack Qty
100mm Coupling	100	CRBS100	10
150mm Coupling	150	CRBS150	10

Cable guard

Supplied in 10 foot lengths.

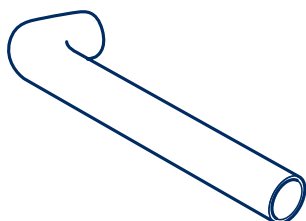


Cable Guard

Dia. inches	Dia. mm	Code	Pack Qty
0.75	18	CG002X10 ▲	25
1.0	25	CG003X10 ▲	25
1.5	38	CG004X10 ▲	10
2.0	50	CG005X10 ▲	10
2.5	64	CG006X10 ▲	10
3.0	80	CG007X10 ▲	5
4.0	100	CG008X10 ▲	5

▲ Made to order and subject to lead times.

Hockey Sticks



Hockey Sticks

Utility provider	Size mm	Colour	Code	Pack Qty
UK Power Networks	39	White	HSPV018WHITE	25
SSE	38	Black	HSPV017SEBBLK	25
SSE	38	White	HSPV01WHITE	25
Western Power Distribution	37	White	HSPV016WHITE	25