



THORNE & DERRICK INTERNATIONAL

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SECTION 9

Ridgicoil power and power accessories

Ridgicoil Power

Ridgicoil Power

Ridgicoil is a coiled twinwall cable protection duct, manufactured from polyethylene with an excellent impact resistance even at low temperatures. It has exceptional durability and flexibility, which eliminates the need for specialist bends. With a smooth bore, Ridgicoil has a low co-efficient of friction for ease of cable installation.



PA05/05875
Note: Sizes 63mm and 110mm only.



Ridgicoil Power key benefits

- Complies with BS EN 61386-24:2010, Type 450N, normal duty impact resistance
- Provides compressive strength 450N at 23°C, but not an ENATS 12-24 approved product
- Network Rail PADS approved
- Ease of use and transportation
- Can be used for trenchless applications
- Long coil lengths for reduced jointing
- Low weight high strength
- Factory installed polypropylene twine and coupling



Ridgicoil coupling



Ridgicoil seals



PA05/05875

Power - accessories



Ridgiduct bend

Ridgicoil Power Duct			
ID mm	OD mm	Length m	Code
31	40	50	RC40X50BE
40	50	50	RC50X50BE
50	63	50	RC63X50BE*
60	75	50	RC75X50BE
71	90	50	RC90X50BE
94	110	50	RC110X50BE*
140	160	25	RC160X25BE

Printed Electrical Cable Duct.
*Network Rail PADS approved.

Ridgicoil couplings & seals

Ridgicoil Couplings			Ridgicoil Seals		
OD mm	Code	Pack qty	OD mm	Code	Pack qty
40	RCC40	10	40	RCS40	10
50	RCC50	10	50	RCS50	10
63	RCC63*	10	63	RCS63*	10
75	RCC75	10	75	RCS75	10
90	RCC90	10	90	RCS90	10
110	RCC110*	10	110	RCS110*	10
160	RCC160	10	160	RCS160	10

*Network Rail PADS approved

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

Ridgiduct Power Split Duct				
ID mm	OD mm	Length m	Code	Pack qty
100	118	1	RB100X15 ▲	85
100	118	3	RB100X35 ▲	85
125	148	1	RB125X15 ▲	46
125	148	3	RB125X35 ▲	46
150	178	1	RB150X15 ▲	36
150	178	3	RB150X35 ▲	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

Ridgiduct to PVCu Connectors		
Description	Code	Pack qty
SOCKET TO SPIGOT		
100mm Ridgiduct socket to 110mm PVCu spigot	ARD100110	10
150mm Ridgiduct socket to 160mm PVCu spigot	ARD150160	10
SOCKET TO SOCKET		
100mm Ridgiduct socket to 110mm PVCu socket	ARD100110 & UG401	10
150mm Ridgiduct socket to 160mm PVCu socket	ARD150160 & UG601	10

Cable Guard				
Diameter inches	Diameter mm	Length ft	Code	Pack qty
0.75	19	10	CG002X10 ▲	25
1.0	25	10	CG003X10 ▲	25
1.5	38	10	CG004X10 ▲	10
2.0	50	10	CG005X10 ▲	10
2.5	64	10	CG006X10 ▲	10
3.0	80	10	CG007X10 ▲	5
4.0	100	10	CG008X10 ▲	5

▲ Made to order and subject to lead times.

Hockey Sticks				
Utility provider	Size mm	Colour	Code	Pack qty
UK Power Networks	39	Black	HSPV020BLACK	25
SSE	38	Black	HSPV017SEBBLK	25
SSE	38	White	HSPV017WHITE	25
Western Power Distribution	37	White	HSPV016WHITE	25



Ridgiduct power split duct

Ridgiduct power split duct is mainly used as retrofit ducting for existing cables.



ARD150160



ARD100110



Cable guard



Hockey stick

All dimensions provided are nominal.