

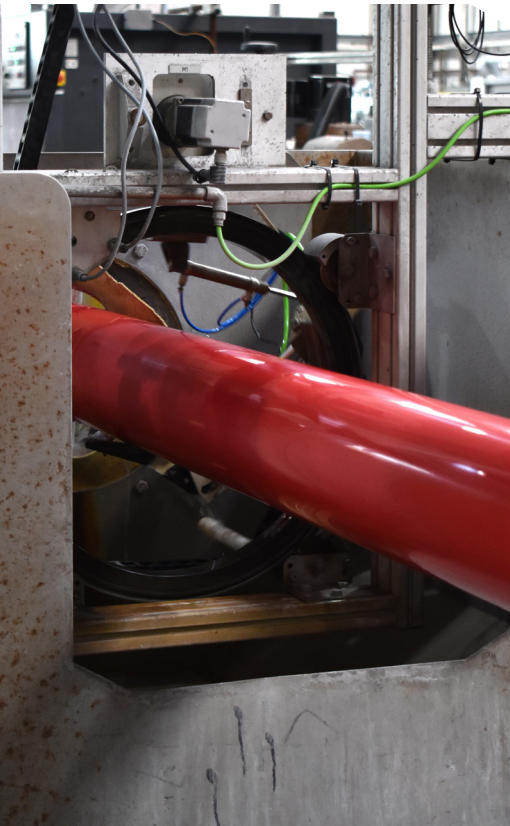


EMTELLE



PowerProtect+TM

CLASS 1 UPVC INTERFERENCE RING-SEAL (Duct & Accessories)



GLOBAL MANUFACTURER OF PRE-CONNECTORISED, BLOWN FIBRE CABLE & DUCTED NETWORK SOLUTIONS

PRODUCT OVERVIEW

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110MM Class 1 IRS uPVC Duct Systems

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125MM Class 1 IRS uPVC Duct Systems

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160MM Class 1 IRS uPVC Duct Systems

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180MM Class 1 IRS uPVC Duct Systems

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200MM Class 1 IRS uPVC Duct Systems

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250MM Class 1 IRS uPVC Duct Systems

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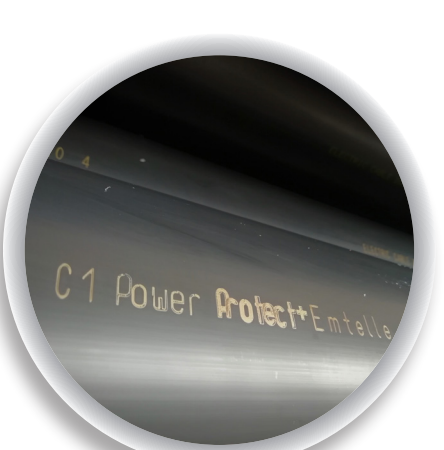
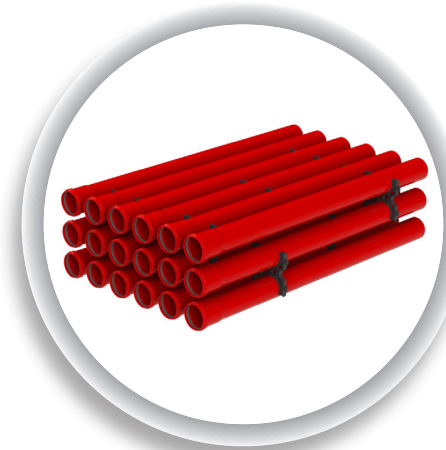
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Emtelle has developed a unique range of Power Duct solutions designed to meet the performance requirements from Underground Power Cables.

Class 1 Interference Ring Seal (IRS) Features and Benefits

- Meets UK Industry Standards ENA TS 12-24 Class 1
- Used extensively in the Power Sectors and supplied to all DNO's.
- Unique Interference Ring Seal Socket meets IP68 classification for water ingress protection (as per BS EN 60529).
- Solid wall uPVC Power Duct offers high resistance to impact and compression (450N compression at operating temperature of 75°C).
- Ease of cable placement, with low friction inner surface bespoke long radii bends to meet the requirements of the latest generation of power cables. This reduces whole system costs as longer cabling distances can be achieved, resulting in reduction in expensive cable joints.
- All PowerProtect+ Duct is supplied with an internal de-burr on the spigot ends of ducts which ensures no damage during cable placement and in turn improves cable lifespan. IRS duct also features an externally chamfered spigot end to allow for a smooth installation into an IRS socket.
- Enhanced cable performance through efficient heat dissipation offered by uPVC Power Duct, due to the high compression to wall thickness ratio, compared with alternate systems.
- Comprehensive product range available, covering all possible cable requirements and construction techniques.
- PowerProtect+ Duct Systems are re-useable when cables are replaced or repaired, therefore maximising asset life and reducing further disruptions to the roadways and footways.



BLACK

DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
5331	6m	540m / pallet
20839	90° / 0.45m Radius	10 items / bag
21193	45° / 0.56m Radius	10 items / bag
21190	11.25° / 0.7m Radius	20 items / bag
21087	22.5° / 0.7m Radius	20 items / bag
21191	11.25° / 1.2m Radius	10 items / bag
21198	22.5° / 1.2m Radius	10 items / bag
-	45° / 1.2m Radius	50 items / timber frame
20676	90° / 1.2m Radius	50 items / timber frame
5180	22.5° / 1.75m Radius	10 items / bag
5336	11.25° / 3.5m Radius	10 items / bag
20855	Ring Seal Stop Coupler	20 items / bag
20912	Ring Seal Slip Coupler	20 items / bag
3850	Yellow End Cap	175 items / bag

RED

DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
20423	6m	540m / pallet
20548	90° / 0.45m Radius	10 items / bag
21078	45° / 0.56m Radius	10 items / bag
-	11.25° / 0.7m Radius	10 items / bag
-	22.5° / 0.7m Radius	10 items / bag
-	11.25° / 1.2m Radius	10 items / bag
20520	22.5° / 1.2m Radius	10 items / bag
20743	45° / 1.2m Radius	50 items / timber frame
20540	90° / 1.2m Radius	50 items / timber frame
20113	22.5° / 1.75m Radius	11 items / bag
20112	11.25° / 3.5m Radius	10 items / bag
20458	Ring Seal Stop Coupler	20 items / bag
20909	Ring Seal Slip Coupler	20 items / bag
3850	Yellow End Cap	175 items / bag

BLACK

DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
-	6m	408m / pallet
-	11.25° / 1.2m Radius	5 items / bag
-	22.5° / 1.2m Radius	5 items / bag
-	45° / 1.2m Radius	5 items / bag
-	90° / 1.2m Radius	50 items / timber frame

20856	Ring Seal Stop Coupler	15 items / bag
20918	Ring Seal Slip Coupler	15 items / bag
9232	Yellow End Cap	100 items / bag

RED

DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
-	6m	408m / pallet
20797	11.25° / 1.2m Radius	5 items / bag
-	22.5° / 1.2m Radius	5 items / bag
-	45° / 1.2m Radius	5 items / bag
-	90° / 1.2m Radius	50 items / timber frame

20846	Ring Seal Stop Coupler	15 items / bag
20847	Ring Seal Slip Coupler	15 items / bag
9232	Yellow End Cap	100 items / bag

BLACK

DUCT



BENDS



ACCESSORIES



RED

DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
5338	6m	234m / pallet
21088	22.5° / 0.56m Radius	5 items / bag
73003	45° / 0.56m Radius	5 items / bag
73002	90° / 0.56m Radius	25 items / timber frame
21032	11.25° / 1.2m Radius	25 items / timber frame
20518	22.5° / 1.2m Radius	25 items / timber frame
20532	45° / 1.2m Radius	25 items / timber frame
20513	90° / 1.2m Radius	25 items / timber frame
5493	11.25° / 3.9m Radius	39 items / timber frame
5420	22.5° / 3.9m Radius	39 items / timber frame

20850	Ring Seal Stop Coupler	10 items / bag
20853	Ring Seal Slip Coupler	10 items / bag
5029	Yellow End Cap	60 items / bag

Product Code	Description	Pack QTY
20211	6m	234m / pallet
21073	22.5° / 0.56m Radius	5 items / bag
20639	45° / 0.56m Radius	5 items / bag
20529	90° / 0.56m Radius	25 items / timber frame
20559	11.25° / 1.2m Radius	25 items / timber frame
20744	22.5° / 1.2m Radius	25 items / timber frame
20608	45° / 1.2m Radius	25 items / timber frame
20528	90° / 1.2m Radius	25 items / timber frame

5493R	11.25° / 3.9m Radius	39 items / timber frame
5420R	22.5° / 3.9m Radius	39 items / timber frame

20603	Ring Seal Stop Coupler	10 items / bag
20628	Ring Seal Slip Coupler	10 items / bag
5029	Yellow End Cap	60 items / bag

BLACK

DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
20958	6m	168m / pallet
20962	11.25° / 3.9m Radius	28 items / timber frame
21170	22.5° / 3.9m Radius	25 items / timber frame

20999	Ring Seal Stop Coupler	5 items / bag
-	Ring Seal Slip Coupler	5 items / bag
71671	Yellow End Cap	50 items / bag

RED

DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
-	6m	168m / pallet
-	11.25° / 3.9m Radius	28 items / timber frame
-	22.5° / 3.9m Radius	25 items / timber frame

-	Ring Seal Stop Coupler	5 items / bag
-	Ring Seal Slip Coupler	5 items / bag
71671	Yellow End Cap	50 items / bag

BLACK

DUCT



Product Code	Description	Pack QTY
5305T	6m	150m / pallet

BENDS



5694	11.25° / 3.9m Radius	25 items / timber frame
9497	22.5° / 3.9m Radius	25 items / timber frame

ACCESSORIES



20959	Ring Seal Stop Coupler	5 items / bag
20985	Ring Seal Slip Coupler	5 items / bag
9233	Grey End Cap	10 items / bag

RED

DUCT



Product Code	Description	Pack QTY
20339	6m	150m / pallet

BENDS



20110	11.25° / 3.9m Radius	25 items / timber frame
20111	22.5° / 3.9m Radius	25 items / timber frame

ACCESSORIES



20960	Ring Seal Stop Coupler	5 items / bag
20984	Ring Seal Slip Coupler	5 items / bag
9233	Grey End Cap	10 items / bag

BLACK

DUCT



Product Code	Description	Pack QTY
20394	6m	96m / pallet

BENDS



70612	11.25° / 3.9m Radius	16 items / timber frame
70613	22.5° / 3.9m Radius	16 items / timber frame

ACCESSORIES



21154	Ring Seal Stop Coupler	3 items / bag
21155	Ring Seal Slip Coupler	3 items / bag
70946	Grey End Cap	10 items / bag

RED

DUCT



Product Code	Description	Pack QTY
20338	6m	96m / pallet

BENDS



21028	11.25° / 3.9m Radius	16 items / timber frame
21029	22.5° / 3.9m Radius	16 items / timber frame

ACCESSORIES



21152	Ring Seal Stop Coupler	3 items / bag
21171	Ring Seal Slip Coupler	3 items / bag
70946	Grey End Cap	10 items / bag



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