

EMTELLE

PowerProtect+TM

CLASS 1 UPVC INTERFERENCE FIT (Duct & Accessories)



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

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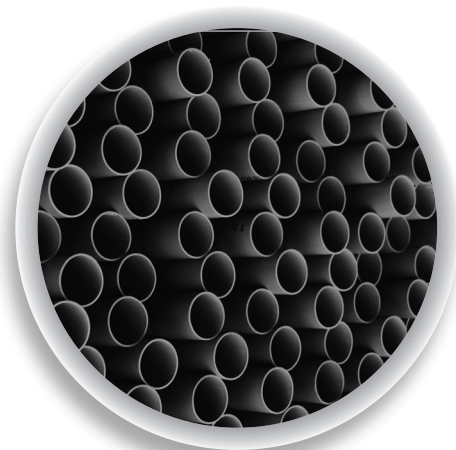


PRODUCT OVERVIEW

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

Class 1 Interference Fit (IF) Features and Benefits

- Meets UK Industry Standards ENATS12-24 Class 1
- Used extensively in the Power & Data Centre Sectors
- Unique Interference Fit Socket meets IP4X classification for ingress protection.
- 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.
- 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.



88.9MM CLASS 1 IF uPVC DUCT SYSTEMS

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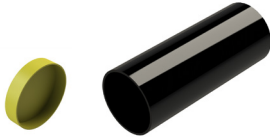
DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
5079T	6m	828m / pallet

5492	11.25° / 1.5m Radius	10 items / bag
5536	22.5° / 1.5m Radius	10 items / bag
21201	45° / 1.5m Radius	15 items / bag
5537	11.25° / 3.9m Radius	15 items / bag
5536	22.5° / 3.9m Radius	5 items / bag
21202	90° / 3.9m Radius	10 items / bag

Bespoke bends out-with standard range can be provided

5306	Connector Sleeve	75 items / bag
1740	Yellow End Cap	250 items / bag

RED

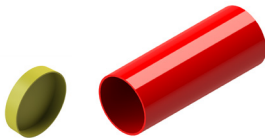
DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
21203	6m	828m / pallet

21204	11.25° / 1.5m Radius	10 items / bag
20750	22.5° / 1.5m Radius	5 items / bag
20583	45° / 1.5m Radius	10 items / bag
21004	11.25° / 3.9m Radius	15 items / bag
21005	22.5° / 3.9m Radius	5 items / bag
20584	90° / 3.9m Radius	20 items / bag

Bespoke bends out-with standard range can be provided

21003	Connector Sleeve	75 items / bag
1740	Yellow End Cap	250 items / bag

96.5MM CLASS 1 IF uPVC DUCT SYSTEMS

BLACK

DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
20159	6m	690m / pallet
438	45° / 0.35m Radius	20 items / bag
169	90° / 0.427m Radius	11 items / bag
5267	22.5° / 2.585m Radius	15 items / bag
5463	11.25° / 3.8m Radius	15 items / bag

Bespoke bends out-with standard range can be provided

4044	Connector Sleeve	75 items / bag
1875	Red End Cap	250 items / bag

RED

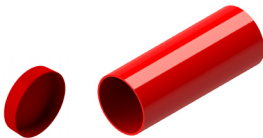
DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
21215	6m	690m / pallet
21218	45° / 0.35m Radius	20 items / bag
21219	90° / 0.427m Radius	11 items / bag
21217	22.5° / 2.585m Radius	15 items / bag
21216	11.25° / 3.8m Radius	15 items / bag

Bespoke bends out-with standard range can be provided

4044	Connector Sleeve	75 items / bag
1875	Red End Cap	250 items / bag

110MM CLASS 1 IF uPVC DUCT SYSTEMS

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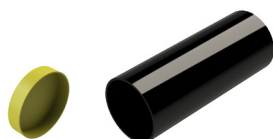
DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
3978S	6m	540m / pallet
5886	90° / 0.45m Radius	15 items / bag
5856	45° / 0.56m Radius	15 items / bag
5854	11.25° / 0.7m Radius	20 items / bag
5855	22.5° / 0.7m Radius	20 items / bag
20453	11.25° / 1.2m Radius	11 items / bag
20396	22.5° / 1.2m Radius	50 items / timber frame
20403	45° / 1.2m Radius	50 items / timber frame
20273	90° / 1.2m Radius	50 items / timber frame
3987	22.5° / 1.75m Radius	10 items / bag
3986	11.25° / 3.5m Radius	10 items / bag

Bespoke bends out-with standard range can be provided

4044	Connector Sleeve	50 items / bag
3850	Yellow End Cap	175 items / bag

RED

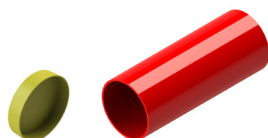
DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
5302	6m	540m / pallet
20124	90° / 0.45m Radius	10 items / bag
5436	45° / 0.56m Radius	24 items / bag
21199	11.25° / 0.7m Radius	20 items / bag
21198	22.5° / 0.7m Radius	20 items / bag
20049	11.25° / 1.2m Radius	10 items / bag
20050	22.5° / 1.2m Radius	50 items / timber frame
20051	45° / 1.2m Radius	50 items / timber frame
20052	90° / 1.2m Radius	50 items / timber frame
20335	22.5° / 1.75m Radius	10 items / bag
20334	11.25° / 3.5m Radius	10 items / bag

Bespoke bends out-with standard range can be provided

5236	Connector Sleeve	50 items / bag
3850	Yellow End Cap	175 items / bag

125MM CLASS 1 IF UPVC DUCT SYSTEMS

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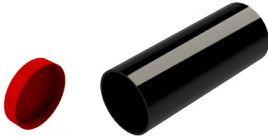
DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
5080T	6m	408m / pallet

4736B	11.25° / 1.2m Radius	5 items / bag
5427	22.5° / 1.2m Radius	5 items / bag
5426	45° / 1.2m Radius	5 items / bag
20107	90° / 1.2m Radius	50 items / timber frame
5337	11.25° / 3.9m Radius	10 items / bag

Bespoke bends out-with standard range can be provided

5621	Connector Sleeve	25 items / bag
9232	Red End Cap	100 items / bag

RED

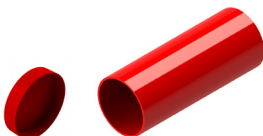
DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
5333NP	6m	408m / pallet

4736U	11.25° / 1.2m Radius	5 items / bag
4614U	22.5° / 1.2m Radius	5 items / bag
4624U	45° / 1.2m Radius	5 items / bag
4615U	90° / 1.2m Radius	50 items / timber frame
21205	11.25° / 3.9m Radius	10 items / bag

Bespoke bends out-with standard range can be provided

5570	Connector Sleeve	25 items / bag
9232	Red End Cap	100 items / bag

160MM CLASS 1 IF uPVC DUCT SYSTEMS

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DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
3769S	6m	234m / pallet

20702	22.5° / 0.56m Radius	39 items / timber frame
5860	45° / 0.56m Radius	5 items / bag
5861	90° / 0.56m Radius	5 items / timber frame
5858	11.25° / 1.2m Radius	39 items / bag
5859	22.5° / 1.2m Radius	39 items / timber frame
20285	45° / 1.2m Radius	25 items / timber frame
20285	90° / 1.2m Radius	25 items / timber frame
5482	11.25° / 3.9m Radius	39 items / timber frame
5479	22.5° / 3.9m Radius	39 items / timber frame
20851	45° / 3.9m Radius	39 items / timber frame

Bespoke bends out-with standard range can be provided

3748	Connector Sleeve	15 items / bag
5029	Yellow End Cap	100 items / bag

RED

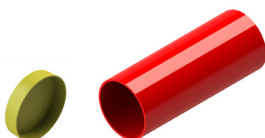
DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
5750	6m	234m / pallet

5568	22.5° / 0.56m Radius	39 items / timber frame
21206	45° / 0.56m Radius	5 items / bag
20125	90° / 0.56m Radius	5 items / timber frame
5452U	11.25° / 1.2m Radius	25 items / bag
5453U	22.5° / 1.2m Radius	25 items / timber frame
5455U	45° / 1.2m Radius	25 items / timber frame
5455U	90° / 1.2m Radius	25 items / timber frame
5482R	11.25° / 3.9m Radius	39 items / timber frame
5479R	22.5° / 3.9m Radius	39 items / timber frame

Bespoke bends out-with standard range can be provided

5235	Connector Sleeve	15 items / bag
5029	Yellow End Cap	60 items / bag

180MM CLASS 1 IF UPVC DUCT SYSTEMS

BLACK

DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
20300	6m	168m / pallet

72995	11.25° / 3.9m Radius	28 items / timber frame
71665	22.5° / 3.9m Radius	5 items / timber frame

Bespoke bends out-with standard range can be provided

20311	0.4m Connector Sleeve	5 items / bag
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200MM CLASS 1 IF UPVC DUCT SYSTEMS

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DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
5888	6m	150m / pallet

20042	11.25° / 3.9m Radius	25 items / timber frame
5900	22.5° / 3.9m Radius	25 items / timber frame

Bespoke bends out-with standard range can be provided

20312	0.4m Connector Sleeve	5 items / bag
9233	Grey End Cap	35 items / bag

RED

DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
5893	6m	150m / pallet

5894	11.25° / 3.9m Radius	25 items / timber frame
5899	22.5° / 3.9m Radius	25 items / timber frame

Bespoke bends out-with standard range can be provided

20503	0.4m Connector Sleeve	5 items / bag
9233	Grey End Cap	35 items / bag

225MM CLASS 1 IF UPVC DUCT SYSTEMS

BLACK

DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
20305	6m	108m / pallet

71663	11.25° / 3.9m Radius	18 items / timber frame
71664	22.5° / 3.9m Radius	18 items / timber frame

Bespoke bends out-with standard range can be provided

20313	Connector Sleeve	5 items / bag
71588	Yellow End Cap	30 items / bag

RED

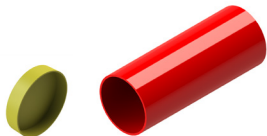
DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
20405	6m	108m / pallet

21208	11.25° / 3.9m Radius	5 items / timber frame
21209	22.5° / 3.9m Radius	5 items / timber frame

Bespoke bends out-with standard range can be provided

21210	Connector Sleeve	5 items / bag
71588	Yellow End Cap	30 items / bag

250MM CLASS 1 IF UPVC DUCT SYSTEMS

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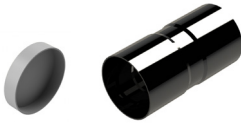
DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
20284	6m	96m / pallet

71570	11.25° / 3.9m Radius	5 items / timber frame
72855	22.25° / 3.9m Radius	16 items / timber frame
71439	45° / 3.9m Radius	16 items / timber frame

Bespoke bends out-with standard range can be provided

20772	Double Socket Connector	5 items / timber frame
70946	Grey End Cap	25 items / bag

RED

DUCT



BENDS



ACCESSORIES



Product Code	Description	Pack QTY
21211	6m	96m / pallet

21212	11.25° / 3.9m Radius	5 items / timber frame
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Bespoke bends out-with standard range can be provided

21213	Double Socket Connector	5 items / timber frame
70946	Grey End Cap	25 items / bag



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