

TwinWall Ducting

Description

TwinWall is a high quality main duct system providing excellent cable protection and fast installation for underground networks.

Corrugated on the outside, smooth on the inside, TwinWall HDPE duct has a high strength and dynamic load bearing capacity combined with high impact resistance.

The smooth inner bore reduces the effort required to install long lengths of sub-duct and cable.



Features

- Fast and easy installation
- Resistance to compression type 450N as standard and 750N (sticks only)
- Lightweight with high ring stiffness
- Flexible - less joints required
- Easily repaired
- Environmentally friendly
- Can be customised to meet user requirements
- Full range of bends, fittings & accessories

Packaging

TwinWall duct is available in:

- Rigid lengths (6m)
- Coils (25m, 50m)

Approvals and Standards

Twinwall pipe systems are manufactured in accordance to the Quality Management Systems:

BS EN ISO 9001:2008

BS EN ISO 14001:2004

HDPE Twin Wall duct is kitemarked to EN50086-2-4:1994. Electricity and Power Twin Wall is also manufactured in accordance with ENA TS 12-24 Issue 2 February 2008.

Standard Dimensions

O.D. / I.D. (mm)	Standard Length (mm)	Lengths per Pack
268/225	6	14
178/150	6	36
160/137	6	39
160/137	25	Coil
145/125	6	68
118/100	6	99
110/94	6	110
110/94	50	Coil
63/50	6	108
63/50	50	Coil

Fittings & Accessories

Each length of duct is supplied with a connector for joining ducts.

In addition, a comprehensive range of cable and duct accessories is available including fittings, connectors, sealing systems, lubricant, duct organisers, repair kits and access chambers.

Applications

Manufactured to EN500862-4:1994, our twin wall systems can be used for Cable TV, Telecoms, Motorway Communications and Traffic Management, Water, Gas, Electricity, Street Lightning and Traffic Signals as well as other general utility purposes.

HDPE Twin Wall duct is supplied in various colours and markings to suit NJUG (National Joint Utilities Group) recommendations as well as Specific customer requirements.

Colours

A full range of standard solid and stripe colours are available and can be customised to meet user requirements.

NJUG Colour Coding:

- Red/Black Electricity and Power
- Orange Street Lightning and Traffic Signal
- Purple Motorway Communications
- Yellow Gas
- Blue Water
- Green CCTV
- Grey Telecommunications

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