

Low Friction Subduct

Direct Bury Subduct

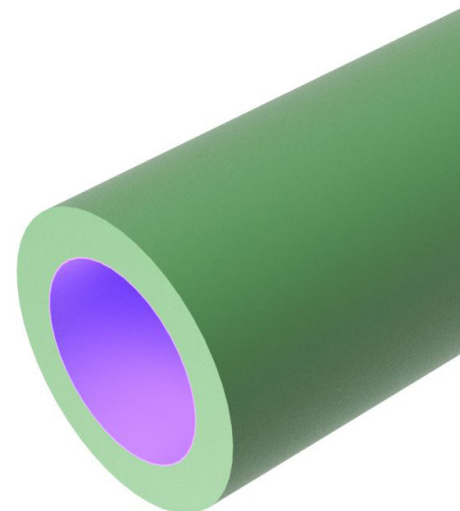


Description

A polyethylene Subduct providing excellent cable protection and management for underground networks. These subducts are suitable for Direct Burial application.

Features a permanent low friction solid inner lining for optimised blowing distances.

Option to supply with rodent repellent materials.



Dimensions & Material

O.D Nominal (mm)	I.D Nominal (mm)	Weight (g/m)	Min Bend Radius (mm)	Max Continuous Tensile (N)
18.0	14.0	95.6	240	1050
20.0	16.0	108.4	300	1300
25.0	20.0	169	625	2000
31.0	25.0	237	930	2500
32.0	25.0	325	960	3200
32.0	26.0	261	960	2800
35.0	28.0	326	1050	3500
37.0	29.0	396	1100	4300
38.0	32.0	315	1150	3400
40.0	32.0	398	1200	4700
50.0	41.0	614	1500	6600
60.0	50.0	820	1800	8900
63.0	51.0	1048	1890	11 100
63.0	52.0	1020	1890	10 200

Material	Extruded from polyethylene with density >945kg/m ³ - BS2782-620A-620D The low friction, solid co-extruded inner layer shall be an inert polymeric compound
Inner Wall	Smooth wall as standard - ribbed wall optional
Low friction	A solid layer of lubricant is evenly distributed on the inner wall by co-extrusion providing a permanent low friction surface for the life of the duct. Our low coefficient of friction values <0.05 allow long installation distances of delicate fibre optic cable by pulling or blowing.
Colour	Solid, different colours available Stripe option available
Operating Temperatures	Transport, Storage and Installation -10°C to +50°C Service -20°C to +60°C
Ovality	3% production 5% on drum

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Tests

Test	Test Standard*
Tensile Performance	Subduct tensile tested to a minimum of 1.2kN axial load without exceeding 18mm elongation.
Compression Resistance	The subduct shall achieve a minimum of 1800kPa compression resistance at 15% deflection.
Impact Resistance	The subduct shall withstand a minimum of 60J impact load (at -20°C) without cracking or splitting.

(*) Tested according to Radius In-House Standard (Low Friction Cable Duct - RAD001 - Iss 10)

Marking

The following print (hot foil) is applied at 1-meter intervals:

- RADIUS
- Product Description (e.g OD/IDmm)
- Batch Number
- Meter Count
- Line Number

Customer specific print is optional

Packing

Duct will be shipped on metal drums. Duct end will be capped off.

Delivery Lengths

Available in 1000m drum as standard. In case of multi-way drum e.g. 4 way, this would be supplied in 4x250m sections. Other lengths available. Drum lengths to be agreed at the time of order.