

HDPE Ducts

The HDPE protective duct is used in OSP networks to install microducts
The HDPE duct is laid in a trench without extra protection

Features

- Superior characteristics for jetting microducts, high pressure resistance.
- High crush and impact resistance
- Internal pressure: max 20 bar/4 h at 20 °C
- Coefficient of friction : max 0.1

Material

HDPE with or without inner liner.



Types

Outer / inner diameter Nominal (mm)	Tolerance outer diameter (mm)	Minimum wall thickness (mm)	Standard Length (m)	Length Tolerance %
16 / 10	- 0.0 / + 0.2	2.7	900	+ / - 1
25 / 19	- 0.0 / + 0.2	2.7	1000	+ / - 1
32 / 25	- 0.0 / + 0.5	3.2	1250	+ / - 1
40 / 32	- 0.0 / + 0.6	3.7	950	+ / - 1
50 / 40	- 0.0 / + 0.7	4.4	550	+ / - 1
63 / 51	- 0.0 / + 0.9	5.8	500	+ / - 1

Sealing of duct ends: End caps

Ordering Number

HDPE Duct	Blue	Green	Red	Black	Orange
16 / 10		1013935			
25 / 19		1013982			
32 / 25		1013931			
40 / 32		1013930			
50 / 40		1013929			
63 / 51		1013928			

Marking

Each protective duct is marked at intervals of 1 metre with: Duct type date of manufacture length marking

Storage

Ducts are not UV-resistant. Drums shall be stored indoor or fully covered with a protective UV-resistant foil.

© PRYSMIAN GROUP 2012, All Rights Reserved

All sizes and values without tolerances are reference values. Specifications are for product as supplied by Prysmian Group: any modification or alternation afterwards of product may give different results. The information claimed within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian Group. This information is believed to be correct at the time of issue. Prysmian Group reserves the right to amend this specification without prior notice. This specification is not contractually valid unless specifically authorised by Prysmian Group.