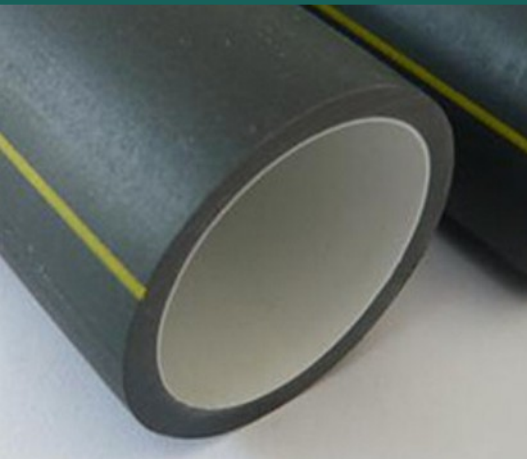


ULF DUCT – Ultra Low Friction Duct

DS 633 E 0913



ULF DUCT – Ultra Low Friction Duct

Technical Data

Duct for installation and protection of fibre optic cables for Telecommunication, Computer Networks and Signalling Centres. Also called PLB Duct (Prelubricated PE Duct)

Kind of Duct	Co extruded smooth HDPE duct with homogenous internal ultra low friction silicon layer or ribbed wall.
Norm	Design and Material comply to latest fibre optic cable recommendations like ASTM F2160, ASTM D3485, NEMA TC-7, UL 651A
Materials	<ul style="list-style-type: none"> • Outer layer is of Polyethylene material • Inner layer is of specially developed ultra low friction Silicon
Friction	ULF Duct achieved outstanding low static friction coefficient of <0,14 and a dynamic(kinetic.) friction coefficient of <0,06.
Sizes	12 – 168 mm (0,5 – 6”) SDR 23 – SDR 13,5
Duct Length	All sizes available in standard coils of 500m or 1000m or on drums. Special coil lengths possible on request.
Material Properties	Polyethylene acc ASTM D 3350 PE 345444 E with density of 0,94 g/cm ³ at 23°C
Colors	Black, Red, Blue, Green, Orange, Grey all with 4 white lines. Other colors on request.
Product Properties	Ducts have been successful tested acc latest recommendations for following acceptance criteria: Friction Coefficient, Crush Resistance, Impact Strength, Tensile Strength at Yield, Elongation at Break, IPCR –Internal Hydrostatic Pressure Creep, ESCR-Environmental Stress Crack Resistance, OIT-Oxidation Induction Time, MFI-Melt Flow Index and Heat Reversion.
Jointing	<ul style="list-style-type: none"> • Thread coupler • Push-Fit coupler
Fittings	End caps and couplers
Installation	Maximum achieved Blowing Rate of 100 meters/minute with clean compressed air at the rate of 450 CFM at 10 bars. Max blow length up to 2000 m.
Options	Tracing wires, pre-installed pull tape, pre-installed cable.

Contact us for more details.