



- ✓ Eurolan micro ducts for direct burial in ground
- ✓ The tubes has a measure of 14/10mm.
- ✓ Structural part is made from HDPE. Inner surface is made from permanent sliding material Silicore with a very low coefficient of friction and standardly with fine ribs.

Ordering information

14/10mm

Part number	E-number	Description
40P-D1-01-05OR	5040663	Eurolan Singel tube 14/10 Direct Burial
40P-D1-02-05OR	5040664	Eurolan 2xsplit tube 14/10 Direct Burial
40P-D1-03-05OR	5040665	Eurolan 3xsplit tube 14/10 Direct Burial
40P-D1-04-05OR	5040667	Eurolan 4xsplit tube 14/10 Direct Burial
39P-D1-07-05OR	5040666	Eurolan 7xsplit tube 14/10 Direct Burial

Technical information

Parameter	Value	Standard, conditions
Outside diameter	14 ±0,1 mm	CWS 103-2015
Inside diameter	Min 9,9 mm	CWS 103-2015
Wall thickness	Min 1,9mm	CWS 103-2015
Ovality	Max 5 %	CWS 103-2015, before coiling
Blown ball test (BB test)	Pass	CWS 103-2015, ball diameter 8,0
Inner coefficient of friction	Max 0,1	CWS 103-2015
Burst pressure	Min 50 bar	EN ISO 1167-1,2
Visual examination	Free from defects	CWS 103-2015
Kink	Diameter ≥ 15xOD	IEC 60 794-1-2, method E10
Crush-residual deformation	Max 15% OD, max 2,1mm	EN 60794-1-2. ed.4, E3, sample 200mm, active 100mm, force 1 400 N, 3mm/min, action 60s, recovery 20s
Crush- pressure force	Min. 1000 N	EN 60794-1-2. ed.4, E3, sample 200mm, active 100mm, ID deformation by 15%, speed 3mm/min
Environmental stress crack	Min 1 000 hours	ASTM D 1693, method B
Residence of HDPE resin used (ESCR)		
Impact	No damage after the test, dimens. in tolerances after recovery	EN 60794-1-2. ed.4, method E4, striking surface radius 10mm, impact energy 15J, recovery time 1h
Bending stiffness	Min 0,61 N.m²	CWS 103-2015
Thermal expansion	*1,6.10 ⁻⁴ K ⁻¹	ISO 11359-2, temperature range from -20°C to +70°C
Longitudinal reversion	Max 3%	CSN EN ISO 2505, oven, 110°C, 60 min

* Informative value

Technical information

Parameter	Value	Standard, conditions
Standard Dimension Ratio (SDR=OD/WT)	*7	-
Weight	*72kg/km	-
Transport and storage temperatures	From -40°C to +70°C	-
Installation temperatures	From -20°C to +50°C	-
Operating temperatures	From -40°C to +70°C	-
Installation tensile force	Max 1010N	-
Recommended cable dimens for blowing	From 3,0 to 7,0mm	-
Minimum bending radius	140mm	-
Blowing pressure	Max 20 bar	Max 2 hours at max +50°C
Chemical resistance	Compliant with the standard	EN 61386-24
Outdoor exposure limit	Max 12 months	Central Europe conditions

* Informative value