



Ordering information

Part number	E-number	Description
41P-D1-01-04BL	5045074	Eurolan DUCT DB 1X16/12
41P-D1-03-04OR	5045059	Eurolan DUCT DB 3X16/12 OR/YL/RD
41P-D1-04-04BL	5045178E	Eurolan DUCT DB 4X16/12 OR/YL/RD/WT

- ✓ Eurolan micro ducts for direct burial in ground
- ✓ The tubes has a measure of 16/12mm.
- ✓ 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.

Technical information

1x16/12

Parameter	Value	Standard, conditions
Outside diameter	16 ±0,1 mm	CWS 103-2015
Inside diameter	Min 11,9 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 10,0
Inner coefficient of friction	Max 0,1	CWS 103-2015
Burst pressure	Min 40 bar	EN ISO 1167-1,2
Visual examination	Free from defects	CWS 103-2015
Crush-residual deformation	Max 15% OD, max 2,4mm	EN 60794-1-2. ed.4, E3, sample 200mm, active 100mm, force 1 200 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
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 0,94 N.m ²	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

1x16/12

Parameter	Value	Standard, conditions
Standard Dimension Ratio (SDR=OD/WT)	*8	-
Weight	*84kg/km	-
Transport and storage temperatures	From -40°C to +70°C	-
Installation temperatures	From -10°C to +50°C	-
Operating temperatures	From -40°C to +70°C	-
Installation tensile force	Max 1150N	-
Recommended cable dimens for blowing	From 3,6 to 8,4 mm	-
Minimum bending radius	160mm	-
Blowing pressure	Max 20 bar	Max 2 hours at max +50°C
Outdoor exposure limit	Max 12 months	Central Europe conditions

* Informative value