

THICK-WALLED MICRODUCTS MICRO MG

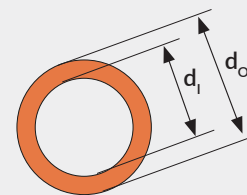
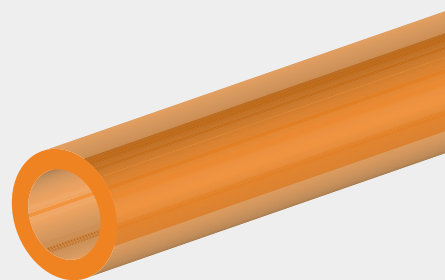
7-16 mm

Opis

Made of high density polyethylene HDPE with specific properties, with smooth or longitudinally grooved inner surface. Co-extruded inner surface is made of slippery material, with a very low coefficient of friction.

Range of colors

RAL 1016 yellow	RAL 2003 orange	RAL 3015 pink	RAL 3020 red	RAL 4005 violet	RAL 5015 blue
RAL 6017 green	RAL 6027 turquoise	RAL 7045 grey	RAL 8011 brown	RAL 9003 white	RAL 9017 black



Raw material data

Properties of HDPE polyethylene

MFR indicator	0,3 - 1,3 (g/10 min)	PN-EN ISO 1133-1:2011
Density	≥ 941 (kg/m ³)	PN-EN ISO 1183-1:2013

Technical specifications

Microducts Micro MG	7/4mm	7/3,5mm	8/4mm	10/6mm	12/8mm	14/10mm	16/12mm
Outer diameter d_o [mm]	7,0 ^{+0,1}	7,0 ^{+0,1}	8,0 ^{+0,1}	10,0 ^{+0,1}	12,0 ^{+0,1}	14,0 ^{+0,1}	16,0 ^{+0,1}
Inner diameter d_i [mm]	4,0	3,5	4,0	6,0	8,0	10,0	12,0
Wall thickness [mm]	1,5	1,75	2,0	2,0	2,0	2,0	2,0
Max. installation tensile force [N]	350	390	510	680	840	1010	1150
Nom. blowing pressure [bar]	Max. 20						
Limit bursting pressure [bar]	>70	>70	>70	>70	>60	>50	>40
Min. bending radius [mm]	70	70	80	100	120	140	160
Ring stiffness [kN/m ²]	≥ 150						
Compressive strength [N]	≥ 1000						
Ovality [%]	≤ 4						
Coefficient of friction	≤ 0,1						
Temperature range (transport, exploitation, storage) [°C]	- 40 do + 70						
Temperature range (installation) [°C]	- 10 do + 50						
Winding length [m]	3000	3000	3000	3000	3000	2000	1500
Weight [kg/km]	24	28	36	48	59	72	84
Max. diameter of microcable [mm]	2,8	2,5	2,8	4,2	5,6	7,0	8,4