

THIN-WALLED MICRODUCTS MICRO MC

4-16 mm

Description

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.

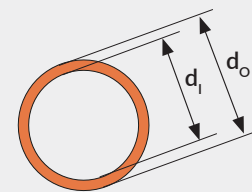
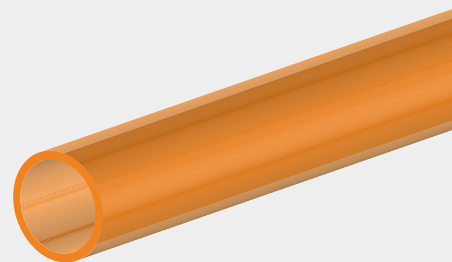
Range of colors

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 MC	4/3,5mm	5/3,5mm	7/5,0mm	8/6,0mm	10/8,0mm	12/10,0mm	14/12,0 mm	16/14,0mm
Outer diameter d_o [mm]	4,0 ^{+0,1}	5,0 ^{+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]	2,5	3,5	5,0	6,0	8,0	10,0	12,0	14,0
Wall thickness [mm]	0,75	0,75	1,0	1,0	1,0	1,0	1,0	1,0
Max. installation tensile force [N]	120	135	240	300	380	465	550	630
Nom. blowing pressure [bar]	Max. 16							
Limit bursting pressure [bar]	>40	>40	>40	>40	>30	>25	>20	>20
Min. bending radius [mm]	40	50	70	80	100	120	140	160
Ring stiffness [kN/m ²]	≥ 48							
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	3000	2000	1500
Weight [kg/km]	7	10	18	21	27	33	39	44
Max. diameter of microcable [mm]	1,5	2,5	3,5	4,2	5,6	7,0	8,4	9,8