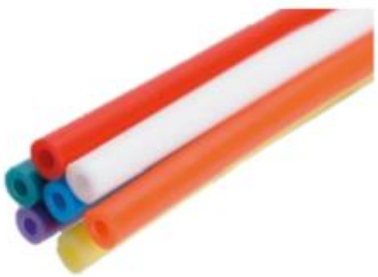
Thin-walled and thick-walled microtubes

FP-MR-C i FP-MR-G

Microtubes for the construction of trunk and distribution sections of telecommunications infrastructure.

Thin-wall microtubes



Thick-walled microtubes

features:

- thin-walled microducts FP-MR-C to supplement the existing pipes of secondary canalization and cable ducts,
- thick-walled microducts FP-MR-G to supplement the existing pipes of primary canalization and direct burial in the ground,
- made of primary high density polyethylene
- longitudinally corrugated inner wall of microtubes,
- wide range of colours available to simplify identification,
- internal silicone layer reducing friction of inserted cable,
- available with pre-installed pull cord.

standards/certifications:

- IEC 60793
- IEC 60794-1
- IEC 60794-5

sectors:

TELECOMMUNICATION AND MOBILE OPERATORS
DATA TRANSMISSION OPERATORS
ISP AND CATV OPERATORS
ENERGETICS
DESIGN AND EXECUTION COMPANIES
DEVELOPERS
UNIVERSITIES
INTEGRATORS
MILITARY
RAILWAY

technical specifications:

FP-MR-C-	5/3,5	7/5,5	10/8	12/10	14/12
tensile strength [N]	135	200	380	465	550
max. pressure [bar]	50	35	30	25	20
min. bending radius [mm]	50	70	100	120	140
density of HDPE [km/m³]	> 940				
weight [kg/km]	9,5	14	27	34	40
transport and storage temperature [°C]	- 40 to +70				
installation temperature [°C]	-10 to +55				
max. microcable diameter [mm]	2,3	4,0	6,0	8,0	9,5

FP-MR-G-	7/4	10/6	12/8	14/10	16/12
tensile strength [N]	390	680	840	1010	1150
max. pressure [bar]	70	70	60	50	40
min. bending radius [mm]	70	100	120	140	160
density of HDPE [km/m³]	> 940				
weight [kg/km]	28	47,5	59	72	84
transport and storage temperature [°C]	- 40 to +70				
installation temperature [°C]	-10 to +55				
max. microcable diameter [mm]	2,5	4,0	6,0	8,0	9,5