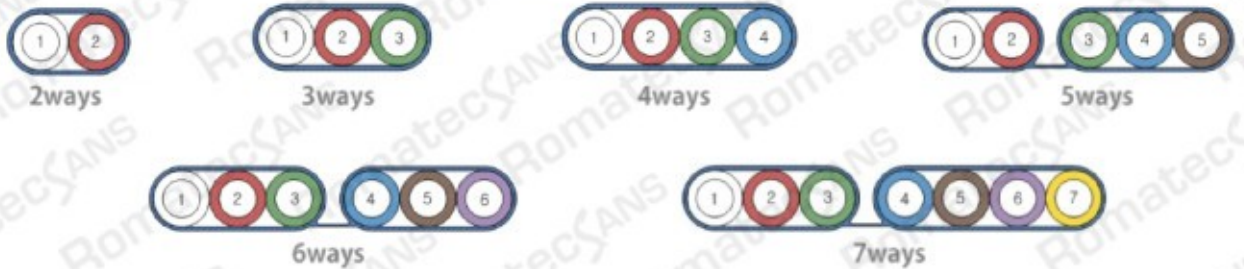


TECHNICAL SPECIFICATION

FLAT MICRO-DUCT

Romatecsans Micro duct assemblies are perfectly suitable for micro trenching with proper narrow width and shallow depth and have superior blowing characteristics. Certified ISO 9001, ISO 14001 and TL9000. Compliant with Telcordia GR-3155-CORE.



Mechanical Properties	International Standard	Test Conditions
Inner Clearance	IEC 60794-5-10 Annex E	Pressure: 12 bar Max. Sphere size: 85% off nom. ID
Tensile Strength	IEC 60794-5-10&20	Max. Tensile load: $1 \times 9.8 \times W(N)$ W= Mass of 1km of component in kg
Crush	IEC 60794-5-10&20	Load: 2,000N
Impact	IEC 60794-5-10&20	Impact: 5 J
Kink	IEC 60794-5-10&20	Diameter: $\leq 20 \times OD$
Bend	IEC 60794-5-10&20	Mandrel Diameter: $\leq 24 \times OD$

Ways	Nom. OD (WxH) (mm)	Sheath Thickness (mm)	Max. Tensile (N)	Weight (kg/km)	Min. Bend Radius (mm)	Crush (N)
Microduct Assemblies 16/12mm						
2	34.0 x 18.0	1	2450	250	220	2000
3	50.0 x 18.0	1	3560	364	220	2000
4	65.6 x 17.6	0.8	4400	449	220	2000
5	86.2 x 17.6	0.8	5660	578	220	2000
6	102.2 x 17.6	0.8	6720	686	220	2000
7	118.2 x 17.6	0.8	7780	794	220	2000

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TECHNICAL SPECIFICATION

Ways	Nom. OD (WxH) (mm)	Sheath Thickness (mm)	Max. Tensile (N)	Weight (kg/km)	Min. Bend Radius (mm)	Crush (N)
Microduct Assemblies 18/14mm						
2	38.0 x 20.0	1	2770	283	240	2000
3	56.0 x 20.0	1	4050	414	240	2000
4	73.6 x 19.6	0.8	5000	511	240	2000
5	96.2 x 19.6	0.8	6430	657	240	2000
6	114.2 x 19.6	0.8	7640	780	240	2000
7	132.2 x 19.6	0.8	8840	903	240	2000

Configurations & Colors

Micro duct (Primary tube): Polyethylene Tube with Romatecsans standards colors.
Silicone coating and smooth or straight ribbed inner surface.

Sheath: Polyethylene with blue color.

Ripcords and tracer wire: Available upon customer request.

Other color are available upon customer request.

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