

MicroFit (small diameter)

The MicroFit family of small-diameter, high-shrink-ratio tubing is ideal for electrical insulation, mechanical protection, and strain relief in smaller, more compact medical devices and commercial electronics products. Offered in a variety of materials. The RW-175 version of MicroFit tubing is suitable for use in space application. These tubes are compatible with gamma, ETO, steam and dry-heat sterilization.



Product facts of MicroFit medical tubes

- Very small diameter
- USP Class 6
- High shrink ratio
- Thin wall
- Polyolefin and fluoropolymer materials
- Double bagged

Specifications and approvals

- USPClass VI
- MAF-444 (MT1000)
- MAF-727 (MT2000)
- Altera MicroFit SCD

Sizes in mm (inches)

Part Number	Inside Diameter		Wall thickness		Colour
	As supplied	After heating	As supplied	After heating	
MFT-MT1000-No.14-X-SP	0.356 (0.014)	0.203 (0.008)	0.076 (0.003)	0.152 (0.006)	Transparent
MFT-MT1000-No.2-X-SP	0.610 (0.024)	0.305 (0.012)	0.064 (0.0025)	0.152 (0.006)	Transparent
MFT-MT1000-No.33-X-SP	1.143 (0.045)	0.432 (0.017)	0.064 (0.0025)	0.118 (0.007)	Transparent
MFT-MT1000-No.65-X-SP	0.635 (0.025)	0.254 (0.010)	0.127 (0.005)	0.330 (0.013)	Transparent
MFT-MT2000-No.14-X-SP	0.356 (0.014)	0.203 (0.008)	0.076 (0.003)	0.152 (0.006)	Transparent
MFT-MT2000-No.2-X-SP	0.610 (0.024)	0.305 (0.012)	0.064 (0.0025)	0.152 (0.006)	Transparent
MFT-MT2000-No.33-X-SP	1.143 (0.045)	0.432 (0.017)	0.064 (0.0025)	0.118 (0.007)	Transparent
MFT-MT2000-No.65-X-SP	0.635 (0.025)	0.254 (0.010)	0.127 (0.005)	0.330 (0.013)	Transparent

(other colours or sizes on request)

Temperature	Microfit MT1000	Microfit MT2000
Operating range	-55°C to +150°C	-40°C to +105°C
Min. shrinking temperature	+175°C	+140°C
Material	Semi-rigid polyvinylidene fluoride	Medical grade polyolefin