

MT6000

Altera Medical-Grade, USP Class VI, High Shrink Ratio, Polyolefin Tubing

Product Facts

- 4:1 shrink ratio or greater
- Custom and larger shrink ratios available
- Flexible; variety of colors
- Excellent electrical insulation properties
- Inner adhesive lining optional (MT6000A)
- USP Class VI material, no heavy metals
- ISO 10993-1 compliant
- Plastic spools and double-bagged packaging
- Compatibility with gamma and ETO sterilization
- RoHS compliant



Applications

Designed for applications that need 4:1 or larger shrink ratios. Provides excellent electrical insulation performance and resistance to abrasion and harmful solvents. Also used for strain relief, color coding, identification of components and devices, and process aid.

Installation

Minimum shrink temperature: 90°C [194°F]
 Minimum full recovery temperature: 110°C [230°F]

Operating Temperature Range

-70°C to 90°C
 [-94°F to 194°F]

Specifications/Approvals

Series	Material	Raychem
MT6000	USP Class VI	MT6000 SCD
MT6000A	USP Class VI	MT6000A SCD

Available in:	Americas	Europe	Asia Pacific
	■	■	■

MT6000 (Continued)

Product Dimensions

Size	As Supplied mm [inches]		Recovered mm [inches]		
	Inside Diameter Minimum (D)	Inside Diameter Maximum (d)	Minimum	Wall Thickness (W) Maximum	Nominal
3/16	4.75 [0.187]	1.17 [0.046]	0.43 [0.017]	0.58 [0.023]	0.51 [0.020]
1/4	6.35 [0.250]	1.57 [0.062]	0.43 [0.017]	0.58 [0.023]	0.51 [0.020]
3/8	9.53 [0.375]	2.36 [0.093]	0.43 [0.017]	0.58 [0.023]	0.51 [0.020]
1/2	12.70 [0.500]	3.18 [0.125]	0.56 [0.022]	0.71 [0.028]	0.64 [0.025]

*Wall thickness will be less if tubing recovery is restricted during shrinkage.

Ordering Information

Color	Standard	Black (-0), clear (-X)
	Nonstandard	Blue (-6), red (-2), white (-9), yellow (-4), green (-5)
Size selection	Always order the largest size that will recover snugly over the substrate. Special order sizes are available upon request.	
Standard packaging	On plastic spools, double-bagged.	
Ordering description	Specify product name, size and color (for example, MT6000-3/16-X) Specify MT6000A for adhesive-lined constructions (special order).	