

MT5000

**Altera Medical-Grade,
USP Class VI, Flexible,
Polyolefin Tubing**

Product Facts

- 2:1 shrink ratio
- Flexibility; variety of colors
- Excellent electrical insulation properties
- Inner adhesive lining optional (MT5000A)
- 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



Heat-shrinkable Tubing

Applications

Especially suitable for applications requiring excellent electrical insulation performance and resistance to abrasion and harmful solvents such as electrosurgical instruments. Also used for strain relief, color coding, and identification of many medical components and devices.

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
MT5000	USP Class VI	MT5000 SCD
MT5000A	USP Class VI	MT5000A SCD

Available in:

Americas

Europe

Asia Pacific

MT5000 (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					
3/64	1.17 [0.046]	0.58 [0.023]	0.33 [0.013]	0.48 [0.019]	0.40 [0.016]
1/16	1.60 [0.063]	0.79 [0.031]	0.35 [0.014]	0.50 [0.020]	0.43 [0.017]
3/32	2.36 [0.093]	1.17 [0.046]	0.43 [0.017]	0.58 [0.023]	0.50 [0.020]
1/8	3.18 [0.125]	1.58 [0.062]	0.43 [0.017]	0.58 [0.023]	0.50 [0.020]
3/16	4.75 [0.187]	2.36 [0.093]	0.43 [0.017]	0.58 [0.023]	0.50 [0.020]
1/4	6.35 [0.250]	3.18 [0.125]	0.56 [0.022]	0.71 [0.028]	0.64 [0.025]
3/8	9.53 [0.375]	4.75 [0.187]	0.56 [0.022]	0.71 [0.028]	0.64 [0.025]
1/2	12.70 [0.500]	6.35 [0.250]	0.56 [0.022]	0.71 [0.028]	0.64 [0.025]
3/4	19.05 [0.750]	9.53 [0.375]	0.69 [0.027]	0.84 [0.033]	0.76 [0.030]

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

Ordering Information

Color	Standard	Black (-0), clear (-X), and blue (-6)
	Nonstandard	White (-9), red (-2), yellow (-4), green (-5)
Size selection	Always order the largest size that will shrink snugly over the component to be covered. Special order sizes are available upon request.	
Standard packaging	On plastic spools, double-bagged.	
Ordering description	Specify product name, size and color (for example, MT5000-1/4-0). Specify MT5000A for adhesive-lined constructions (special order).	