

MT3000

**Altera Medical-Grade,
USP Class VI,
High-Temperature, Flexible,
Fluoropolymer Tubing**

Product Facts

- 2:1 shrink ratio
- Tough, flexible, very-thin-wall insulation
- Excellent resistance to a variety of fluids
- Optional inner adhesive lining (MT3000A)
- USP Class VI material, no heavy metals
- ISO 10993-1 compliant
- Plastic spools and double-bagged packaging
- Compatibility with steam (limited cycles), gamma, ETO, and dry-heat sterilization
- RoHS compliant



Heat-shrinkable Tubing

Applications

Used for electrical insulation and strain relief of components that are exposed to high temperatures - either during operation or during sterilization. Exceptional flexibility and thin-wall construction are well-suited for applications where pliancy coupled with small overall bundle size is desired.

Installation

Minimum shrink temperature: 140°C [284°F]
Minimum full recovery temperature: 150°C [302°F]

Operating Temperature Range

-55°C to 140°C
[-67°F to 284°F]

Specifications/Approvals

Series	Material	Raychem
MT3000	USP Class VI	MT3000 SCD
MT3000A	USP Class VI	MT3000A SCD

Available in:

Americas

Europe

Asia Pacific

MT3000 (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]	0.20 [0.008]	0.31 [0.12]	0.25 [0.010]
1/16	1.60 [0.063]	0.79 [0.031]	0.20 [0.008]	0.31 [0.12]	0.25 [0.010]
3/32	2.36 [0.093]	1.17 [0.046]	0.20 [0.008]	0.31 [0.12]	0.25 [0.010]
1/8	3.18 [0.125]	1.58 [0.062]	0.20 [0.008]	0.31 [0.12]	0.25 [0.010]
3/16	4.75 [0.187]	2.36 [0.093]	0.20 [0.008]	0.31 [0.12]	0.25 [0.010]
1/4	6.35 [0.250]	3.18 [0.125]	0.28 [0.009]	0.38 [0.15]	0.33 [0.012]
3/8	9.53 [0.375]	4.75 [0.187]	0.28 [0.009]	0.38 [0.15]	0.33 [0.012]
1/2	12.70 [0.500]	6.35 [0.250]	0.28 [0.009]	0.38 [0.15]	0.33 [0.012]

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

Ordering Information

Color	Standard	Black (-0)
	Nonstandard	White (-9)
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, MT3000 1/4-0).	