

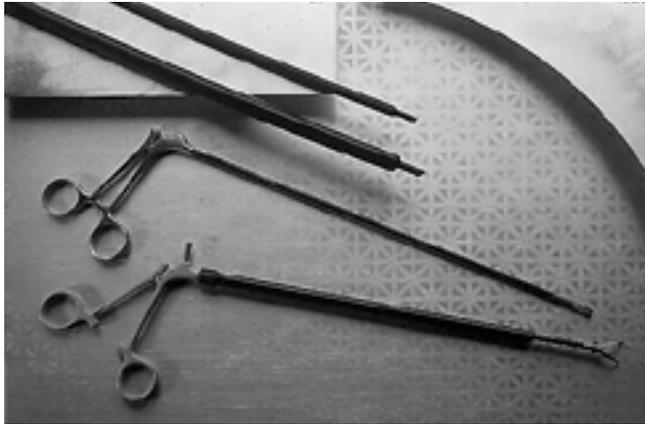
MT3000

Altera medical-grade, USP Class VI, high-temperature, flexible fluoropolymer tubing

Fax-on-Demand: (800) 260-9099
(650) 361-6523

FAX ID	Description
2390	Data sheet
2391	SCD

Before ordering check with factory for most current data.



Applications

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

Operating Temperature Range

-55°C to 150°C

Features/Benefits

- 2:1 shrink ratio.
- Tough, flexible, very-thin-wall insulation.
- Excellent resistance to a variety of fluids.
- USP Class VI material, no heavy metals.
- Plastic spools or double-bagged packaging.
- Compatibility with autoclave (limited cycles), gamma, ETO, and dry-heat sterilization.

Installation

Minimum shrink temperature: 110°C

Minimum full recovery temperature: 150°C

Specifications/Approvals

Series	Material	Master File Number	Raychem
MT3000	USP Class VI	MAF-472	MT3000 SCD

Product Dimensions (mm/in)

Size	Inside diameter		Wall thickness	
	Minimum expanded as supplied	Maximum recovered after heating	Recovered after heating*	
1/16	1.6 (.063)	0.8 (.031)	.25 ±.05	(.010 ±.002)
3/32	2.4 (.093)	1.2 (.046)	.25 ±.05	(.010 ±.002)
1/8	3.2 (.125)	1.6 (.062)	.25 ±.05	(.010 ±.002)
3/16	4.7 (.187)	2.4 (.093)	.25 ±.05	(.010 ±.002)
1/4	6.4 (.250)	3.2 (.125)	.30 ±.05	(.012 ±.002)
3/8	9.5 (.375)	4.7 (.187)	.30 ±.05	(.012 ±.002)
1/2	12.7 (.500)	6.4 (.250)	.30 ±.05	(.012 ±.002)
3/4**	19.1 (.750)	9.5 (.375)	.43 ±.08	(.017 ±.003)
1**	25.4 (1.000)	12.7 (.500)	.48 ±.08	(.019 ±.003)

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

**Nonstandard size; available by special order only.

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 spools.
Ordering description	Specify product name, size, and color (for example, MT3000 1/4-0).

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