

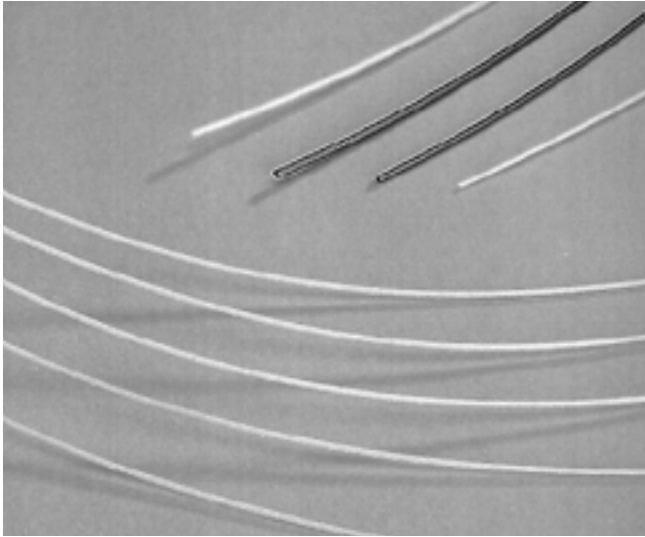
# MT1000

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

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

FAX ID	Description
2380	Data sheet
2381	SCD

Before ordering check with factory for most current data.



### Applications

Ideal 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 with clearance constraints.

### Operating Temperature Range

-55°C to 175°C

### Features/Benefits

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

### Installation

Minimum shrink temperature: 155°C

Minimum full recovery temperature: 175°C

## Specifications/Approvals

Series	Material	Master File Number	Raychem
MT1000	USP Class VI	MAF-444	MT1000 SCD
MT1000A	USP Class VI	MAF-798	MT1000A 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)	.33 ±.05	(.013 ±.002)
3/8	9.5 (.375)	4.7 (.187)	.33 ±.05	(.013 ±.002)
1/2	12.7 (.500)	6.4 (.250)	.33 ±.05	(.013 ±.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      Translucent (-X) Nonstandard    Black (-0)
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	In 1.2-meter (4-foot) lengths, double bagged.
Ordering description	Specify product name, size, and color (for example, MT1000-1/8-X). Specify MT1000A for adhesive-lined constructions (special order).

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