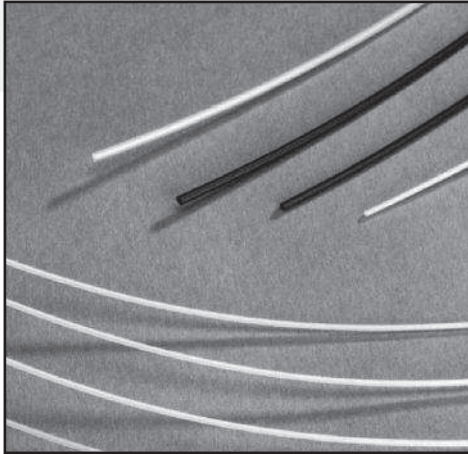


**MT1000**

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



**Applications**

Well-suited 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 application with clearance constraints.

**Features & Benefits**

- 2:1 shrink ratio
- Tough, semirigid, very-thin-wall insulation
- Excellent resistance to a variety of fluids
- Optional inner adhesive lining (MT1000A)
- USP Class VI material, no heavy metals
- Double-bagged packaging
- Compatibility with gamma, ETO, steam, and dry-heat sterilization
- RoHS compliant

**Operating Temperature**

- -55°C to 175°C [-67°F to 347°F]

**Installation**

- Minimum shrink temperature: 155°C [311°F]
- Minimum full recovery temperature: 175°C [347°F]

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**Product Dimensions**

Size in.	Inside Diameter		Recovered Wall Thickness
	Minimum Expanded as Supplied mm [in.]	Maximum Recoverd After Heating mm [in.]	After Heating
3/64	1.17 [0.046]	0.58 [0.023]	0.25 ± 0.05 [0.010 ± 0.002]
1/16	1.6 [0.063]	0.8 [0.031]	0.25 ± 0.05 [0.010 ± 0.002]
3/32	2.4 [0.093]	1.2 [0.046]	0.25 ± 0.05 [0.010 ± 0.002]
1/8	3.2 [0.125]	1.6 [0.062]	0.25 ± 0.05 [0.010 ± 0.002]
3/16	4.7 [0.187]	2.4 [0.093]	0.25 ± 0.05 [0.010 ± 0.002]
1/4	6.4 [0.250]	3.2 [0.125]	0.33 ± 0.05 [0.013 ± 0.002]
3/8	9.5 [0.375]	4.7 [0.187]	0.33 ± 0.05 [0.013 ± 0.002]
1/2	12.7 [0.500]	6.4 [0.250]	0.33 ± 0.05 [0.013 ± 0.002]
3/4**	19.1 [0.750]	9.5 [0.375]	0.43 ± 0.08 [0.017 ± 0.003]
1**	25.4 [1.000]	12.7 [0.500]	0.48 ± 0.08 [0.019 ± 0.003]

**Note:** \* 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), Translucent (-X)  
 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 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).