

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

**Before ordering check with
factory for most current data.**

FAX ID	Description
2600	Data sheet
2601	SCD

MT2000

Altera medical-grade, USP Class VI, lubricious,
thin-wall polyolefin tubing

Applications

Especially suitable for medical application requiring lubricity, flexibility, and excellent electrical insulation performance. A cost-effective alternative to FEP (fluorinated ethylene-propylene) while maintaining performance after gamma sterilization.

Operating Temperature Range

-40°C to 105°C

Features/Benefits

- 2.5:1 shrink ratio.
- Lubricity comparable to FEP.
- Excellent electrical insulation properties.
- Can be manufactured with a very thin wall.
- Optional inner adhesive lining (A).
- USP Class VI material, no heavy metals.
- Plastic spools or double-bagged packaging.
- Compatibility with gamma and ETO sterilization.

Installation

Minimum shrink temperature: 110°C

Minimum full recovery temperature: 140°C



Specifications/Approvals

Series	Material	Master File Number	Raychem
MT2000	USP Class VI	MAF-727	MT2000 SCD
MT2000A	USP Class VI	MAF-799	MT2000A SCD

Product Dimensions (mm/in)

Size (mm)	Inside diameter		Wall thickness	
	Minimum expanded as supplied	Maximum recovered after heating	As supplied (nominal)	Recovered after heating*
1.0	1.0 (.040)	0.45 (.018)	.12 (.005)	.25 ±.05 (.010 ±.002)
2.0	2.0 (.080)	0.80 (.032)	.12 (.005)	.25 ±.05 (.010 ±.002)
3.0	3.0 (.120)	1.20 (.048)	.12 (.005)	.25 ±.05 (.010 ±.002)
6.0	6.0 (.240)	2.40 (.096)	.12 (.005)	.25 ±.05 (.010 ±.002)
10.0	10.0 (.400)	4.00 (.160)	.12 (.005)	.25 ±.05 (.010 ±.002)

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

Ordering Information

Color	Standard Black (-0), clear (-X) Nonstandard White (-9), red (-2), blue (-6), yellow (-4), orange (-3)
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, MT2000-3.0-0). Specify MT2000A for adhesive-lined constructions (special order).

Altera is a trademark of Raychem Corporation.

Users should independently evaluate the suitability of the product for their application.