

MT2000

Altera Medical-Grade, USP Class VI, Lubricious, Thin-Wall, Polyolefin Tubing

Product Facts

- 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 (MT2000A)
- USP Class VI material, no heavy metals
- ISO 10993-1 compliant
- Plastic spools and double-bagged packaging
- Compatibility with gamma and ETO sterilization
- RoHS compliant



Applications

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

Installation

Minimum shrink temperature: 110°C [230°F]
Minimum full recovery temperature: 140°C [284°F]

Operating Temperature Range

-40°C to 105°C
[-40°F to 221°F]

Specifications/Approvals

Series	Material	Raychem
MT2000	USP Class VI	MT2000 SCD
MT2000A	USP Class VI	MT2000A SCD

Available in:	Americas	Europe	Asia Pacific
	■	■	■

MT2000 (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
1 mm	1.0 [0.040]	0.45 [0.018]	0.20 [0.008]	0.30 [0.12]	0.25 [0.010]
2 mm	2.0 [0.080]	0.80 [0.032]	0.20 [0.008]	0.30 [0.12]	0.25 [0.010]
3 mm	3.0 [0.120]	1.20 [0.048]	0.20 [0.008]	0.30 [0.12]	0.25 [0.010]
6 mm	6.0 [0.240]	2.40 [0.096]	0.20 [0.008]	0.30 [0.12]	0.25 [0.010]
10 mm	10.0 [0.400]	4.00 [0.160]	0.30 [0.012]	0.41 [0.16]	0.36 [0.014]

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	On plastic spools, double-bagged.	
Ordering description	Specify product name, size and color (for example, MT2000-3.0-0). Specify MT2000A for adhesive-lined constructions (special order).	