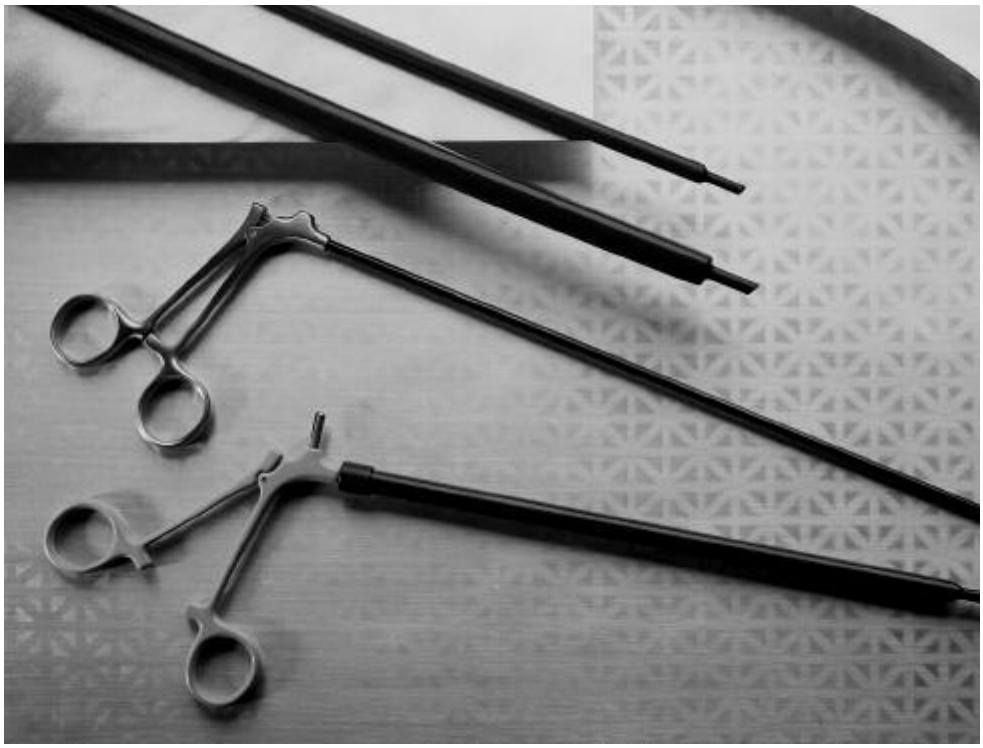
MT3000

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



Product Facts

- 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 and double-bagged packaging
- Compatibility with steam (limited cycles), gamma, ETO, and dry-heat sterilization

Applications

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

Installation

Minimum shrink temperature: 110°C [230°F]

Minimum full recovery temperature: 150°C [302°F]

Operating Temperature Range

-55°C to 150°C
[-67°F to 302°F]

Specifications/Approvals

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

Available in:	Americas	Europe	Asia Pacific
	■	■	■

Catalog 1654025
Revised 12-04

www.tycoelectronics.com

Dimensions are in millimeters and inches unless otherwise specified. Values in brackets are U.S. equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Japan: 81-44-900-5102
Singapore: 65-4866-151
UK: 44-1793-528171

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MT3000 (Continued)

Product Dimensions

Size	Inside Diameter		Recovered Wall Thickness* After Heating
	Minimum Expanded as Supplied	Maximum Recovered 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]	0.30 ± 0.05 [0.012 ± 0.002]
3/8	9.5 [0.375]	4.7 [0.187]	0.30 ± 0.05 [0.012 ± 0.002]
1/2	12.7 [0.500]	6.4 [0.250]	0.30 ± 0.05 [0.012 ± 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]

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

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Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

175977-2 917688-1 MPT100C18RF 1897725-2 282680-1 CPF0402B37K4E1 HSHC4508K2J
HT-CT-50M-1-OUT-0 1393454-9 170376-2 2380312-2 ROX05SJ18R TE50BR39J 2005330-1 3-1447221-5
1-962915-1 1903112-2 2098557-4 2310537-1 3631B101LL SBCHE154R7K SBCHE64R7K SMV1W220KJT
2-520263-2 2-521104-2 292206-2 354022KFT RH73H2A40MKTN T4133012081-000 U5254-000005-030PA