

PMG Company

Specialists in heat-shrinking tubing
and cable harnessing products

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PLASTRONIC®

MT6000

Heat-Shrinkable Tubing

Altera Medical Grade,
Laser-Welding Application
Process Aid,
Polyolefin Tubing

Product Facts

- 3:1 shrink ratio, custom ratios and sizes available
- Flexible; forms to irregular shapes
- Good clarity needed for laser welding and other bonding operations
- Excellent electrical insulation properties
- Removes easily after application, good axial tear propagation
- On plastic spools double bag packaging
- USP Class VI, no heavy metals
- RoHS compliant

Applications

Designed for applications that need 4:1 or larger shrink ratios. Provides excellent electrical insulation performance and resistance to abrasion and harmful solvents. Also used for strain relief, color coding, identification of components and devices, and process aid.

Installation

Minimum shrink temperature: 90°C [194°F]
Minimum full recovery temperature: 110°C [230°F]

Operating Temperature Range

-70°C to 90°C
[-94°F to 194°F]

Specifications/Approvals

Series	Material	Rachem
MT6000	USP Class VI	MT6000 SCD
MT6000A	USP Class VI	MT6000A SCD

Available in:	Americas	Europe	Asia Pacific
	■	■	■

Product Dimensions

Size	As Supplied		Recovered
	Inside Diameter (D) Minimum in.	Inside Diameter (d) Maximum in.	Wall Thickness (W) Nominal in.
1/16	.063 [1.60]	.015 [0.38]	.016 ± .003 [0.40 ± .007]
3/32	.093 [2.36]	.023 [0.58]	.016 ± .003 [0.40 ± .007]
1/8	.125 [3.18]	.031 [0.79]	.017 ± .003 [0.43 ± .007]
3/16	.187 [4.75]	.046 [1.17]	.020 ± .003 [0.50 ± .007]
1/4	.250 [6.35]	.062 [1.58]	.020 ± .003 [0.50 ± .007]
3/8	.375 [9.53]	.093 [2.36]	.020 ± .003 [0.50 ± .007]
1/2	.500 [12.7]	.125 [3.18]	.025 ± .003 [0.64 ± .007]

Ordering Information

Color	Standard Black (-0), clear (-X) Nonstandard Blue (-6), red (-2), white (-9), yellow (-4), green (-5)
Size selection	Always order the largest size that will recover snugly over the substrate. Special order sizes are available upon request.
Standard packaging	On plastic spools (SP), double-bagged
Ordering description	Specify product name, size and color (for example, MT6000-3/16-X) Specify MT6000A for adhesive-lined constructions (special order)

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

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

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 52-55-1106-0800 C.
America: 57-1-254-4444

South America: 55-11-2103-6000
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-208-420-8341