



MT1000

MEDICAL GRADE ELECTRICAL INSULATOR APPROVED TO ISO10993

MT1000 is a semi-rigid heat shrinkable tubing offering superior electrical, chemical, abrasion, and cut through resistance. It has a continuous operating temperature of 175 °C and can withstand up to 350 °C for short periods. MT1000 is designed for use in the medical and surgical industry and is certified to FDA USP Biological Test Classification V1 and holds further approval to ISO 10993.



TECHNICAL DATA

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Material	Polyvinylidene Fluoride
Shrink Ratio	2:1
Operating Temperature	-55 °C to 175 °C
Dielectric Strength	1/2" and below 31.5 KV/mm 3/4" and below 23.6 KV/mm
Specifications	FDA USP Class V1 ISO10993 MAF-444 RoHS Compliant

APPLICATIONS

- Electrical insulation of electrosurgical instruments.
- Thin wall construction for clearance constraints.
- Abrasion and solvent resistance.

BENEFITS

- Optional adhesive liner, colours black, clear, blue, and grey.
- Excellent electrical, chemical and physical properties.
- USP Class V1 material.
- Compatible with gamma, ETO, steam and dry heat sterilisation methods.

Ordering Description	Ordering Size (Inches)	Minimum Supplied ID (mm)	Maximum Recovered ID (mm)	Recovered Wall Thickness (mm)
MT1000-1/16	1/16	1.60	0.80	0.25
MT1000-3/32	3/32	2.40	1.20	0.25
MT1000-1/8	1/8	3.20	1.60	0.25
MT1000-1/8-0/X	1/8	3.40	1.60	0.25
MT1000-3/16	3/16	4.80	2.40	0.25
MT1000-1/4	1/4	6.40	3.20	0.33
MT1000-3/8	3/8	9.50	4.80	0.33
MT1000-1/2	1/2	12.70	6.40	0.33
MT1000-3/4	3/4	19.10	9.50	0.43

QUALITY ASSURANCE

PMG Company promises to always strive to offer our customers quality assurance. We aim to provide consistent and exceptional levels of customer service. This is achieved by our experienced sales and logistics teams. Quality assurance is our way of preventing mistakes and avoiding problems when delivering products to our customers. The high quality products we supply also conform to internationally recognised product specifications and standards.