

MT5000

Medical Grade Polyolefin Tubing.



MT5000 is a thin wall polyolefin tubing especially suited for electrosurgical instruments where excellent insulation values are required, combined with strain relieving, or colour coding and identification applications. It is compatible with gamma and ETO sterilization and has USP Class VI approval.

Features & Benefits

- Flexibility; variety of colours.
- Excellent electrical, chemical and physical properties.
- Inner adhesive-lining option, on sizes 1/8" and above.
- USP Class V1 material; compatibility with Gamma & ETO sterilization.

Applications

- Electrical insulation of electrosurgical instruments.
- Colour coding and identification of medical components.
- Abrasion and solvent resistance.

General Information	
Material	Polyolefin
Shrink Ratio	2:1
Operating temperature	-70°C to 105°C
Dielectric Strength	19.68 KV/mm
Installation Temperature	100°C
Specifications	FDA USP Class V1 MAF-469 MAF-800 lined option



Standard colors: - Red, yellow, blue & white available, upon request

BLACK	Transparent
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Ordering Description	Ordering Size (inches)	Minimum ID Supplied (mm)	Maximum ID Recovered (mm)	Recovered Wall Thickness (mm)
MT5000-1/16	1/16	1.6	0.8	0.43
MT5000-3/32	3/32	2.4	1.2	0.51
MT5000-1/8	1/8	3.2	1.6	0.51
MT5000-3/16	3/16	4.8	2.4	0.51
MT5000-1/4	1/4	6.4	3.2	0.64
MT5000-3/8	3/8	9.5	4.8	0.64
MT5000-1/2	1/2	12.7	6.4	0.64
MT5000-3/4	3/4	19.1	9.5	0.76

Packaging options – Spools, cut pieces.

Full details on technical specifications, test methods and values are available on request.

