

TWBM100

Ultra Thin-Walled Tubing.

TWBM100 is an ultra thin-walled polyolefin tubing designed specifically for medical applications requiring lubricity, flexibility, and excellent insulation and electrical properties. It is a cost-effective alternative to FEP and is also available with an adhesive lining where required. This material is compatible with gamma and ETO sterilisation and has USP Class VI approval.

FEATURES & BENEFITS

- Very thin wall
- Excellent electrical, chemical and physical properties.
- USP Class VI material.
- Compatible with Gamma & ETO sterilisation methods.
- Polyolefin material, low shrink temperature.

APPLICATIONS

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

General Information	
Material	Polyolefin
Shrink Ratio	2.5:1
Operating temperature	-40°C to 105°C
Dielectric Strength	39.36 KV/mm
Installation temperature	>110°C
Specifications	FDA USP Class V1 MAF-727 RoHS Compliant



Standard Colors:

BLACK	TRANSPARENT
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Non-standard Colors:

WHITE	RED	YELLOW	BLUE	ORANGE
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Ordering Description	Minimum Supplied ID (mm)	Maximum Recovered ID (mm)	Recovered Wall Thickness (mm)	Standard Spool (m)
TWBM100-1.0	1.00	0.45	0.25	1524
TWBM100-2.0	2.00	0.80	0.25	1524
TWBM100-3.0	3.00	1.20	0.25	762
TWBM100-6.0	6.00	2.40	0.25	457
TWBM100-10.0	10.00	4.00	0.25	381

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

