



## TWBM 100

### ULTRA THIN-WALLED TUBING

TWBM 100 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.



## TECHNICAL DATA

### ULTRA THIN-WALLED TUBING

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

## APPLICATIONS

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

## 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.

Ordering Description	Minimum ID Supplied (mm)	Maximum ID Recovered (mm)	Recovered Wall Thickness (mm)	Standard Spool Size (m)
TWBM100-1.0	1.0	0.45	0.25	1524
TWBM100-2.0	2.0	0.80	0.25	1524
TWBM100-3.0	3.0	1.20	0.25	762
TWBM100-6.0	6.0	2.40	0.25	457
TWBM100-10.0	10.0	4.00	0.25	381

## 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.