



PTBM 100

MEDICAL GRADE POLYOLEFIN TUBING

PTBM is a thin wall polyolefin tubing especially suited for electrocautery instruments where excellent insulation values, lubricity and flexibility are required, combined with strain relieving or colour coding and identification applications. It is compatible with gamma and ETO sterilisation and has a USP Class V1 and ISO 10993 approval.



TECHNICAL DATA

POLYOLEFIN TUBING MEDICAL GRADE

Material	Polyolefin
Shrink Ratio	2:1
Operating Temperature	-55 °C to 105 °C
Dielectric Strength	20 KV/mm
Minimum Full Recovery Temperature	-55 °C to 105 °C
Specifications	FDA USP Class V1 ISO10993

APPLICATIONS

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

BENEFITS

- Flexibility, variety of colours.
- Lubricity, low shrink temperature.
- Excellent electrical insulation properties.
- Superior physical and chemical properties.

Ordering Description	Minimum Supplied ID (mm)	Maximum ID Recovered (mm)	Recovered Wall Thickness (mm)	Standard Spool Quantity (m)
PTBM100-0012	1.2	0.6 ± 0.05	0.43 ± 0.08	200
PTBM100-0016	1.6	0.8 ± 0.05	0.43 ± 0.08	200
PTBM100-0024	2.4	1.2 ± 0.05	0.51 ± 0.08	200
PTBM100-0032	3.2	1.6 ± 0.05	0.51 ± 0.08	200
PTBM100-0048	4.8	2.4 ± 0.05	0.51 ± 0.08	100
PTBM100-0064	6.4	3.2 ± 0.10	0.64 ± 0.08	100
PTBM100-0095	9.5	4.7 ± 0.20	0.64 ± 0.08	50
PTBM100-0127	12.7	6.4 ± 0.02	0.64 ± 0.08	50
PTBM100-0191	19.1	9.5 ± 0.30	0.76 ± 0.08	50
PTBM100-0254	25.4	12.7 ± 0.50	0.76 ± 0.08	50

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.