

PMGCOMPANY

SPECIALISTS IN HEAT SHRINK TUBING AND CABLE HARNESSING PRODUCTS

PTBM100

Polyolefin Tubing Medical Grade

PTBM100 is a thin wall polyolefin tubing especially suited for electrosurgical 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 sterilization and has USP Class VI & ISO 10993 approval.

Features & Benefits

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

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	-55°C to 105°C
Dielectric Strength	20 KV/mm
Minimum Full Recovery Temperature	110°C
Specifications	FDA USP Class V1 ISO10993



Standard colors: -Black, Transparent
Non-Standard:- Blue, Yellow, Green



Ordering Description	Minimum ID Supplied (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	0.89 ± 0.08	50

Packaging options – Spools, cut pieces.

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

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