PMGCOMPANY

SPECIALISTS IN HEAT SHRINK TUBING AND CABLE HARNESSING PRODUCTS

HTBM 100

MEDICAL GRADE ELECTRICAL INSULATOR

HTBM 100 is a metrically sized semi-rigid heat shrinkable tubing offering superior electrical, chemical, abrasion, and cut through resistance. It has a continous operating temperature of 175°C and has been designed for use on medical and surgical devices such as electro tomes and endoscopes. HTBM 100 is certified to FDA USP Biological Test Classification VI and holds further approval to ISO 10993.

TECHNICAL DATA

MEDICAL GRADE ELECTRICAL INSULATOR

Material	Polyvinylidene Fluoride
Shrink Ratio	2:1
Operating Temperature	-55°C to 175°C
Installation Temperature	175°C
Specifications	FDA USP Class V1 ISO10993 RoHS Compliant

APPLICATIONS

- Electrical insulation of electrosurgical instruments.
- Strain relief at high temperatures.
- Abrasion and solvent resistance.

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

BENEFITS

- Lubricity, resistance to abrasion.
- Excellent physical, chemical and electrical properties.
- USP Class VI material.
- Compatible with gamma, ETO, steam and dry heat sterilisation methods.

Ordering Description	Nominal Size (mm)	Minimum ID Supplied (mm)	Maximum Recovered ID (mm)	Recovered Wall Thickness (mm)	Standard Spool Quantity (m)
HTBM100-1.2	1.2	1.5 ± 0.3	0.6	0.25 ± 0.05	200
HTBM100-1.6	1.6	1.9 ± 0.4	0.8	0.25 ± 0.05	200
HTBM100-2.4	2.4	2.9 ± 0.4	1.2	0.25 ± 0.05	200
HTBM100-3.2	3.2	3.8 ± 0.4	1.6	0.25 ± 0.05	200
HTBM100-4.8	4.8	5.3 ± 0.4	2.4	0.25 ± 0.05	100
HTBM100-6.4	6.4	6.9 ± 0.4	3.2	0.30 ± 0.08	100
HTBM100-9.5	9.5	10.2 ± 0.4	4.8	0.30 ± 0.08	100
HTBM100-12.7	12.7	13.5 ± 0.5	6.4	0.30 ± 0.08	100
HTBM100-19.1	19.1	20.5 ± 1.0	9.5	0.43 ± 0.08	50
HTBM100-25.4	25.4	26.5 ± 1.0	12.7	0.48 ± 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.