

## HTBM100

Medical Grade Electrical Insulator Approved to ISO10993

HTBM100 is a metrically sized semi-rigid heat shrinkable tubing offering superior electrical, chemical, abrasion, and cut through resistance. It has a continuous operating temperature of 175°C and has been designed for use on medical and surgical devices such as electro tomes and endoscopes. HTBM100 is certified to FDA USP Biological Test Classification VI and holds further approval to ISO 10993.

### FEATURES & BENEFITS

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

### APPLICATIONS

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

General Information	
Material	Polyvinylidene Fluoride
Shrink Ratio	2:1
Operating temperature	-55°C to 175°C
Installation temperature	175°C
Specifications	FDA USP Class V1 ISO 10993 UL224 VW-1 RoHS Compliant



Available Colors:

BLACK	TRANSPARENT
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Ordering Description	Nominal Size (mm)	Minimum Supplied ID (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

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

