

HRBM100

Ultra Thin Wall Medical Grade Tubing

HRBM100 is a medical grade polyolefin tubing that has a thin wall construction and a 2.5:1 shrink ratio. This ultra thin wall product is especially suited for applications requiring lubricity, flexibility and excellent electrical properties. It is a cost effective alternative to FEP and is compatible with gamma and ETO sterilisation.

Features & Benefits

- 2.5:1 Shrink Ratio, custom & larger shrink ratios available.
- Very thin wall
- Excellent electrical, chemical and physical properties.
- Compatibility with gamma and ETO sterilization.
- USP Class V1 & ISO 10993.

Applications

- Electrical insulation of electrosurgical instruments.
- Ideal for Electrotome, Endoscope and similar devices.
- Cable identification and strain relief.

General Information	
Material	Polyolefin
Shrink Ratio	2.5:1
Operating temperature	-55°C to +105°C
Dielectric Strength	19.7 KV/mm
Installation Temperature	60°C to 110°C
Specifications	FDA USP Class V1 ISO 10993 RoHS



Available Colors:			
Standard	BLACK	CLEAR	
Non-standard	BLUE	RED	WHITE YELLOW

Ordering Description	Minimum ID Supplied (mm)	Maximum ID Supplied (mm)	Recovered Wall Thickness (mm)	Standard Spool (m)
HRBM 100-0010	1.0	0.45	0.25+/-0.05	200
HRBM 100 -0020	2.0	0.80	0.25+/-0.05	200
HRBM 100-0030	3.0	1.20	0.25+/-0.05	200
HRBM 100 -0060	6.0	2.40	0.25+/-0.05	100
HRBM 100-0100	10.0	4.00	0.36+/-0.05	100

Packaging options – Spools, coils, and bespoke cut pieces

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

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