

HFBM100

High Temperature Fluoropolymer

HFBM100 is an ultra thin wall fluoropolymer tubing especially suited for abrasion protection for laparoscopic instruments and in-vivo diagnostic probes. HFBM100 also offers superior electrical insulation at high temperatures and is compatible with Gamma, ETO Sterilisation, it has USP Class V1 and ISO 10993 approvals.

Features & Benefits

- Fluid resistance, mechanical protection.
- Excellent electrical insulation properties.
- Superior physical and chemical properties.

Applications

- Electrical insulation of electrosurgical instruments.
- High temperature resistance either during operations or sterilisation.
- Abrasion and solvent resistance.

General Information	
Material	Fluoropolymer
Shrink Ratio	2:1
Operating temperature	-55°C to 150°C
Longitudinal Shrinkage	+/-10%
Minimum Full Recovery Temperature	150°C
Specifications	FDA USP Class V1 ISO10993



Standard colors: -Black, Transparent



Ordering Description	Minimum ID Supplied (mm)	Maximum ID Recovered (mm)	Recovered Wall Thickness (mm)	Standard Spool Quantity (m)
HFBM100-0012	1.5 ± 0.3	0.6	0.25 ± 0.05	200
HFBM100-0016	1.9 ± 0.4	0.8	0.25 ± 0.05	200
HFBM100-0024	2.9 ± 0.4	1.2	0.25 ± 0.05	200
HFBM100-0032	3.8 ± 0.4	1.6	0.25 ± 0.05	200
HFBM100-0048	5.3 ± 0.4	2.4	0.25 ± 0.05	100
HFBM100-0064	6.9 ± 0.4	3.2	0.30 ± 0.08	100
HFBM100-0095	10.2 ± 0.4	4.8	0.30 ± 0.08	100
HFBM100-0127	13.5 ± 0.5	6.4	0.30 ± 0.08	100
HFBM100-0191	20.5 ± 1.0	9.5	0.43 ± 0.08	50
HFBM100-0254	26.5 ± 1.0	12.7	0.48 ± 0.08	50

Packaging options – Spools, cut pieces.

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

