



FPBM100

High Temperature, Flexible, Fluoropolymer Tubing

FPBM100 is an ultra thin wall fluoropolymer tubing especially suited for medical applications requiring electrical insulation or strain relief of components that are exposed to high temperatures during operations. FPBM100 is compatible with gamma, steam and ETO sterilisation and is approved to FDA USP Class V1.

FEATURES & BENEFITS

- Plastic spools and double-bagged packaging.
- Excellent resistance to a variety of fluids.
- Tough, flexible, very thin wall construction.
- No heavy metals USP Class V1.

APPLICATIONS

- Electrical insulation of medical components.
- Ideal for applications requiring fluid resistance.
- Well suited where pliancy coupled with small overall bundle size is desired.

General Information	
Material	Fluoropolymer
Shrink Ratio Longitudinal Shrinkage	2:1 +0/-10%
Operating temperature	-55°C to 150°C
Dielectric Strength	20 KV/mm
Installation Temperature	Min 110C Min Full Recovery 150-C
Specifications	USP Class V1 MAF-472

Standard Colours

- Black
- White

Ordering Description	Nominal Size (mm)	Minimum ID Supplied (mm)	Maximum ID Recovered (mm)	Recovered Wall Thickness (mm)	Spool Size (m)
FPBM100-3/64	1.2	1.5+/-0.3	0.6	0.25+/-0.05	200
FPBM100-1/16	1.6	1.9+/-0.4	0.8	0.25+/-0.05	200
FPBM100-3/32	2.4	2.9+/-0.4	1.2	0.25+/-0.05	200
FPBM100-1/8	3.2	3.8+/-0.4	1.6	0.25+/-0.05	200
FPBM100-3/16	4.8	5.3+/-0.4	2.4	0.25+/-0.08	200
FPBM100-1/4	6.4	6.9+/-0.4	3.2	0.30+/-0.08	200
FPBM100-3/8	9.5	10.2+/-0.4	4.8	0.30+/-0.08	100
FPBM100-1/2	12.7	13.5+/-0.5	6.4	0.30+/-0.08	100
FPBM100-3/4	19.1	20.5+/-1.0	9.5	0.43+/-0.08	50
FPBM100-1	25.4	26.5+/-1.0	12.7	0.48+/-0.08	50

PACKAGING OPTIONS - SPOOLS, AND BESPOKE CUT PIECES

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

