



## FPBM100

### HIGH TEMPERATURE FLEXIBLE FLUOROPOLYMER TUBING

FPBM 100 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. FPBM 100 is compatible with gamma, steam and ETO sterilisation and is approved to FDA USP Class VI.



## TECHNICAL DATA

### HIGH TEMPERATURE FLEXIBLE FLUOROPOLYMER TUBING

|                          |                                   |
|--------------------------|-----------------------------------|
| Material                 | Fluoropolymer                     |
| Shrink Ratio             | 2:1                               |
| Longitudinal Change      | +0/-10%                           |
| Dielectric Strength      | 20 KV/mm                          |
| Installation Temperature | Min 110°C Min Full Recovery 150°C |
| Operating Temperature    | -55°C to 155°C                    |
| Specifications           | USP Class VI<br>MAF-472           |

## APPLICATIONS

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

## BENEFITS

- Plastic spools and double-bagged packaging.
- Excellent resistance to a variety of fluids.
- Tough, flexible, very thin walled construction.
- No heavy metals USP Class VI.
- Is compatible with Gamma, ETO and steam sterilisation methods.

| 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             |

## 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.