



MICRO-TUBE

SMALL BORE HIGH SHRINK RATIO TUBING

The Micro-tube product range is available in three material types, two have FDA USP Class V1 approval. These are KBM100 and TWBM100. This will be of interest to compact active medical device manufacturers requiring up to a 3:1 shrink ratio micro bore tubing. Micro-tube is also available in the commercial material type PLK175. KBM100 may be sterilised by radiation, ethylene oxide, steam, and dry heat with no significant change in physical properties. TWBM may be sterilised with gamma radiation or ethylene oxide with no significant change in physical properties.



TECHNICAL DATA

SMALL BORE HIGH SHRINK RATIO TUBING

Material	PVDF & Polyolefin
Shrink Ratio	Up to 3:1
Operating Temperature	KBM100 -55°C to 175°C TWBM100 -40°C to 105°C PLK 175 -55°C to 175°C
Installation Temperature	Minimum full recovery KBM100 175°C TWBM100 140°C PLK 175 175°C
Specifications	UL 224 VW1 FDA USP Class V1 RoHS Compliant

APPLICATIONS

- Electrical insulation and mechanical protection of wire and cables.
- KBM100 and PLK175 are suitable for high temperature performance applications where outstanding abrasion resistance is required.
- PLK175 can be used where low out-gassing is required as it meets NASA standards.
- TWBM100 is best for applications requiring flexibility, lubricity, and good electrical insulation performance.
- TWBM is the ideal choice where low temperature recovery is required.

BENEFITS

- Available in a range of materials.
- Small bore size.
- Numerous sterilisation methods.
- FDA USP Class V1 approval.
- Up to 3:1 shrink ratio.
- Provided on plastic reels and double bagged.

Dimensions (millimeters/inches)



Ordering Size	Minimum ID Supplied (mm)	Maximum ID Recovered (mm)	Supplied Wall Thickness (mm)	Maximum Recovered Wall Thickness (mm)
MT-NO.1	0.365	0.178	0.076	0.127
MT-NO.2	0.610	0.305	0.064	0.152
MT-NO.33	1.143	0.432	0.064	0.118
MT-NO.65	0.635	0.254	0.127	0.330

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.