

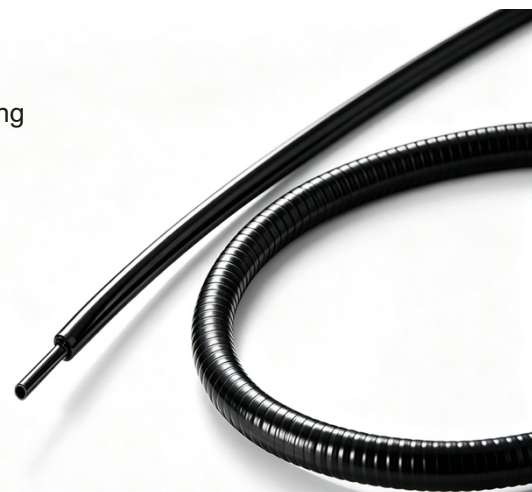
BH-MT-2-F

Medical grade high flexibility thin wall heat shrink tubing

Features/Applications:

BH-MT-2-F delivers superior flexibility and is engineered to provide insulating protection for medical devices requiring pliability and bend resistance. Its low-temperature shrink characteristic minimizes damage to heat-sensitive components.

- Shrink Ratio: 2:1
- Operating temperature: -55°C~105°C
- Minimum shrink temperature: 60°C
- Minimum fully recovery temperature: 110°C
- Very flexible
- Excellent physical, chemical and electrical performance
- Excellent electrical insulation properties
- Compatibility with gamma rays and ETO sterilization
- ISO 10993, USP Class VI and RoHS compliant
- Standard color: Black, clear (other colors are available on request)



Technical Data

Property	Test Method	Typical Data
Longitudinal change %	ASTM D 2671	-10~+10
Concentricity	ASTM D 2671	≥70%
Tensile strength/MPa	ASTM D 638	≥10.3
Elongation at break/%	ASTM D 638	≥120
Low temperature flexibility(-55°C/4h)	ASTM D2671	No cracking
Heat shock(180°C/4 h)	ASTM D2671	No cracking
Dielectric strength/kV/mm	ASTM D 2671	≥19.7
Volume resistivity/Ω·cm	ASTM D 876	≥10 ¹⁵

Product Dimensions (mm)

Model	Supplied		Recovered(mm)		Package (Meters/Spool)
	Mini. ID	W.T	ID	W.T	
BH-MT-2-F-1.2	1.2	0.20±0.05	≤0.6	0.41±0.08	200
BH-MT-2-F-1.6	1.6	0.20±0.05	≤0.8	0.43±0.08	200
BH-MT-2-F-2.4	2.4	0.25±0.05	≤1.20	0.51±0.08	200
BH-MT-2-F-3.2	3.2	0.25±0.05	≤1.6	0.51±0.08	200
BH-MT-2-F-4.8	4.8	0.25±0.05	≤2.40	0.51±0.08	100
BH-MT-2-F-6.4	6.4	0.30±0.05	≤3.2	0.64±0.08	100
BH-MT-2-F-9.5	9.5	0.30±0.05	≤4.8	0.64±0.08	100
BH-MT-2-F-12.7	12.7	0.30±0.05	≤6.40	0.64±0.08	100
BH-MT-2-F-19.1	19.1	0.35±0.05	≤9.5	0.76±0.08	50

Customized dimensions and heat shrink ratio for your special applications on request.