

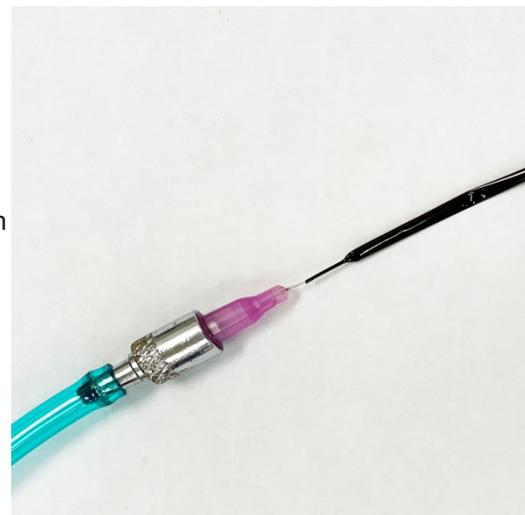
BH-MT-2-X

Medical grade high shrink ratio heat shrink tubing

Features/Applications:

BH-MT-2-X is a high shrink ratio (4:1 or more higher) non-flame retardant heat shrink tubing made of medical grade polyolefin, and satisfies the demand of thin wall and smooth properties which invasive devices required for surgery. The excellent electrical insulation property makes it can be used in the insulation protection of electrosurgical instruments, it's the heat shrinkable tubing that widely used in medical devices.

- Shrink Ratio: 4:1 or more higher;
- Minimum shrink temperature: 80°C;
- Minimum full recovery temperature: 110°C;
- Continuous operating temperature: -45°C~90°C
- ISO 10993, RoHS compliant
- Supports sterilization environments: gamma and ethylene oxide (ETO);
- Standard color: Black and Clear



Technical Data

| Property | Test Method | Typical Data |
|--|---------------|-------------------|
| Longitudinal change % | ASTM D 2671 | -10~+5 |
| Tensile strength/MPa | ASTM D 2671 | ≥10.4 |
| Elongation at break/% | ASTM D 2671 | ≥200 |
| Low temperature flexibility(-30°C, 1h) | ASM-DTL-23053 | No cracking |
| Heat shock(180°C/4 h) | ASTM D2671 | No cracking |
| Dielectric strength/kV/mm | ASTM D 2671 | ≥15.0 |
| Volume resistivity/Ω·cm | ASTM D 876 | ≥10 ¹⁵ |
| Water absorption (%) (23°C,24h) | ASTM D 2671 B | ≤0.4 |

Product Dimensions (mm)

| Model | Supplied ID (mm) | Fully Recovered (mm) | |
|----------------|------------------|----------------------|----------------|
| | | ID | Wall Thickness |
| BH-MT-2-X-4.8 | 5.20±0.30 | <1.20mm | 0.51±0.08 |
| BH-MT-2-X-6.4 | 7.00±0.30 | <1.60mm | 0.51±0.08 |
| BH-MT-2-X-9.5 | 10.00±0.30 | <2.40mm | 0.51±0.08 |
| BH-MT-2-X-12.7 | 13.50±0.40 | <3.20mm | 0.64±0.08 |

Other sizes are available on request.