

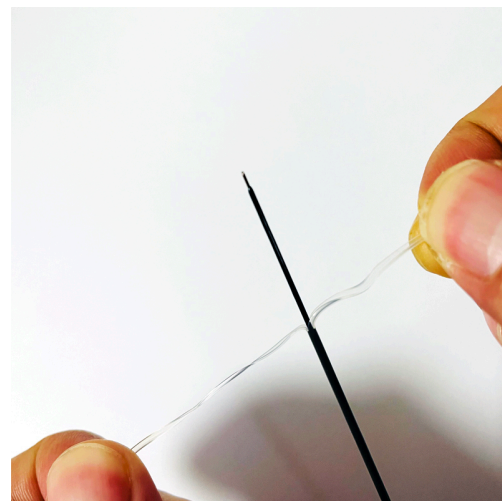
BH-2(PMT)

Medical grade polyolefin heat shrink tubing for process aid applications

Features/Applications

BH-2(PMT) is made by medical grade modified polyolefin, it can be quickly and easily peeled the heat shrink tube away from the recovered shaft while it is softening by heat. Well-suited for laser-welding operations of stents and balloons, hot jaw bonding. Widely using for process of aid production of catheter lamination, balloon tacking, tube bonding and tube forming.

- Shrink Ratio: 2:1;
- Minimum shrink temperature: 70°C
- Fully recovery temperature: +130°C~ +260°C,
- Special design it could withstand Max. 260°C in the recovery process.
- Operating temperature: -45°C~+105°C
- Removes easily after application, good axial tear propagation.
- ISO 10993-1 compliant
- USP Class VI, no heavy metals
- On plastic spools double bag packaging
- Standard color: clear



Technical Data

| Property | Test Method | Typical Data |
|--|---------------------------------------|------------------------------|
| Longitudinal change | ASTM D 2671 | -10%~10% |
| Concentricity as supplied | ASTM D 2671 | ≥ 70% |
| Tensile strength | ASTM D 2671,20"/minute | ≥ 1500 Mpa |
| Elongation at break | ASTM D 2671,20"/minute | ≥ 200% |
| Secant modulus (expanded) | ASTM D 2671 | ≤ 2.5 x10 ⁴ Mpa |
| Elongation at break after aging | ASTM D 2671(175°C/168 hrs) | ≥ 100% |
| Electrical dielectric strength | ASTM D 2671 | ≥ 500 volts/mm |
| Dielectric withstand | ASTM D 2671(AC3000V/60Hz) | 60 Seconds no breakdown |
| Heavy metals analysis (Cadmium,Mercury,Lead,Bismuth,Antimony) | USP XXII Physiochemical tests-plastic | ≤ 1 ppm(total of all metals) |

Product Dimensions 2:1(mm)

| Model | Size (mm) | As Supplied (mm) | After Full Recovered(mm) | |
|---------------|--------------|---------------------|--------------------------|-------------------|
| | | | ID (D) | Wall Thickness(T) |
| BH-2(PMT)-0.6 | 0.60 | 0.71±0.10 | 0.28 | 0.25±0.05 |
| BH-2(PMT)-0.8 | 0.80 | 1.02±0.13 | 0.36 | 0.28±0.05 |
| BH-2(PMT)-1.2 | 1.20 | 1.40±0.13 | 0.51 | 0.41±0.08 |
| BH-2(PMT)-1.6 | 1.60 | 1.83±0.13 | 0.71 | 0.51±0.08 |
| BH-2(PMT)-2.4 | 2.40 | 2.72±0.20 | 1.04 | 0.51±0.08 |
| BH-2(PMT)-3.2 | 3.20 | 3.56±0.25 | 1.45 | 0.51±0.08 |
| BH-2(PMT)-4.8 | 4.80 | 5.21±0.25 | 2.21 | 0.51±0.08 |
| BH-2(PMT)-6.4 | 6.40 | 6.99±0.38 | 3.00 | 0.64±0.08 |
| BH-2(PMT)-9.5 | 9.50 | 10.54±0.51 | 4.30 | 0.64±0.08 |

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