

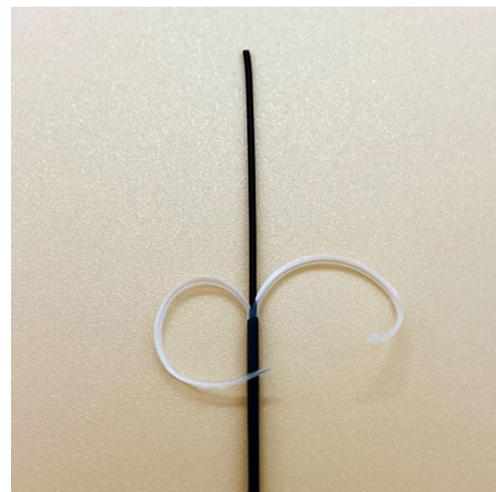
BH-2(PMT)-LS

Medical grade polyolefin heat shrink tubing for process aid applications

Features/Applications

BH-2(PMT)-LS is made by medical grade modified polyolefin, it can be directly and easily peeled the heat shrink tube away from the recovered shaft without additional 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~ +250°C,
- Operating temperature: -45°C~+105°C
- ISO 10993-1 compliant
- USP Class VI, no heavy metals
- On plastic spools double bag packaging
- Special design it could withstand Max. 250°C in the recovery process without bubbles.
- It could be peeled off directly and easily after heat shrink process, good axial tear propagation.
- 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)	
			Max. ID (D)	Wall Thickness(T)
BH-2(PMT)-LS-0.6	0.60	0.71±0.10	0.28	0.25±0.05
BH-2(PMT)-LS-0.8	0.80	1.02±0.13	0.36	0.28±0.05
BH-2(PMT)-LS-1.2	1.20	1.40±0.13	0.51	0.41±0.08
BH-2(PMT)-LS-1.6	1.60	1.83±0.13	0.71	0.51±0.08
BH-2(PMT)-LS-2.4	2.40	2.72±0.20	1.04	0.51±0.08
BH-2(PMT)-LS-3.2	3.20	3.56±0.25	1.45	0.51±0.08
BH-2(PMT)-LS-4.8	4.80	5.21±0.25	2.21	0.51±0.08
BH-2(PMT)-LS-6.4	6.40	6.99±0.38	3.00	0.64±0.08
BH-2(PMT)-LS-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.