

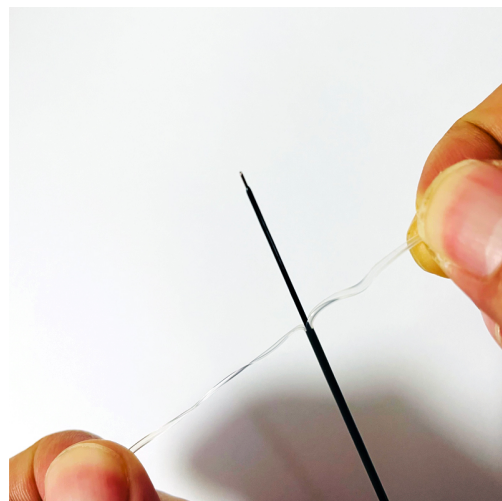
BH-2(PMT)

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	As Supplied ID		Recovered ID (Max)		Recovered WT		Package (M/Spool)
		Inch	mm	Inch	mm	Inch	mm	
BH-2(PMT)-LS-0.6	1/42	0.028 ± 0.005	0.71±0.10	0.011	0.28	0.010 ± 0.002	0.25±0.05	200
BH-2(PMT)-LS-0.8	1/32	0.040 ± 0.005	1.02±0.13	0.014	0.36	0.011 ± 0.002	0.28±0.05	200
BH-2(PMT)-LS-1.2	3/64	0.055 ± 0.005	1.40±0.13	0.020	0.51	0.016 ± 0.003	0.41±0.08	200
BH-2(PMT)-LS-1.6	1/16	0.072 ± 0.005	1.83±0.13	0.028	0.71	0.020 ± 0.003	0.51±0.08	200
BH-2(PMT)-LS-2.0	5/64	0.078 ± 0.005	2.21±0.13	0.033	0.85	0.020 ± 0.003	0.51±0.08	200
BH-2(PMT)-LS-2.4	3/32	0.107 ± 0.008	2.72±0.20	0.041	1.04	0.020 ± 0.003	0.51±0.08	100
BH-2(PMT)-LS-3.2	1/8	0.140 ± 0.010	3.56±0.25	0.057	1.45	0.020 ± 0.003	0.51±0.08	100
BH-2(PMT)-LS-4.8	3/16	0.205 ± 0.010	5.21±0.25	0.087	2.21	0.020 ± 0.003	0.51±0.08	50
BH-2(PMT)-LS-6.4	1/4	0.275 ± 0.015	6.99±0.38	0.118	3.00	0.025 ± 0.003	0.64±0.08	25
BH-2(PMT)-LS-9.5	3/8	0.415 ± 0.020	10.54±0.51	0.170	4.30	0.025 ± 0.003	0.64±0.08	Cut in length

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