

BH-MT-FEP-PL

Medical grade linear fluorinated polymer heat shrink tubing for process aid applications

Features/Applications

BH-MT-FEP-PL is made of medical-grade fluorinated polymer. After heat shrinking, it can be quickly and completely peeled off from the outer layer of the catheter without using cutting tools and without sticking. This greatly improves production efficiency and prevents product loss and waste due to improper cutting. It is suitable for the production of various medical multi-layer catheters and the welding rheological process of balloons and joints, etc.

- Shrink Ratio: 1.3:1/1.6:1 or more higher ;
- Minimum shrink temperature: 190°C
- Fully recovery temperature: 260°C,
- High transparency, easy to observe welding conditions
- Excellent linear tensile strength
- Excellent axial tear propagation
- ISO 10993 compliant, USP Class VI, no heavy metals
- Compatibility with gamma rays and ETO sterilization
- Double bags packaging
- Standard color: clear



Technical Data

Property	Test Method	Typical Data
Longitudinal change	ASTM D2671	±10%
Tensile strength	ASTM D2671	≥10.3MPa
Elongation at break	ASTM D2671	≥200%
Heat resistance	260°C/4hrs	No cracking and fading

Product Dimensions (mm)

Model	Expanded ID (Min.)		Fully recovered ID (Max.)				Fully recovered wall thickness		Standard Length	
			1.3:1		1.6:1					
	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
BH-MT-FEP-PL-0.64	0.0252	0.64	0.0194	0.49	0.0157	0.40	0.008±0.002	0.20±0.05	67.0	1700
BH-MT-FEP-PL-0.80	0.0315	0.80	0.0244	0.62	0.0197	0.50	0.008±0.002	0.20±0.05	67.0	1700
BH-MT-FEP-PL-0.96	0.0378	0.96	0.030	0.74	0.0236	0.60	0.008±0.002	0.20±0.05	67.0	1700
BH-MT-FEP-PL-1.12	0.0441	1.12	0.0339	0.86	0.0276	0.70	0.008±0.002	0.20±0.05	67.0	1700
BH-MT-FEP-PL-1.28	0.0504	1.28	0.0387	0.98	0.0315	0.80	0.008±0.002	0.20±0.05	67.0	1700
BH-MT-FEP-PL-1.44	0.0567	1.44	0.0436	1.10	0.0354	0.90	0.008±0.002	0.20±0.05	67.0	1700
BH-MT-FEP-PL-1.60	0.0630	1.60	0.0484	1.23	0.0394	1.00	0.010±0.002	0.25±0.05	67.0	1700
BH-MT-FEP-PL-2.00	0.0787	2.00	0.0606	1.54	0.0492	1.25	0.010±0.002	0.25±0.05	67.0	1700
BH-MT-FEP-PL-2.40	0.0945	2.40	0.0728	1.85	0.0590	1.50	0.010±0.002	0.25±0.05	67.0	1700
BH-MT-FEP-PL-3.20	0.1260	3.20	0.0969	2.46	0.0787	2.00	0.010±0.002	0.25±0.05	67.0	1700
BH-MT-FEP-PL-4.80	0.1890	4.80	0.1452	3.69	0.1181	3.00	0.010±0.002	0.25±0.05	67.0	1700
BH-MT-FEP-PL-6.40	0.2520	6.40	0.1937	4.92	0.1574	4.00	0.010±0.002	0.25±0.05	67.0	1700

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