

# BH-MT-PVDF-150K

Medical grade 150°C flexible PVDF heat shrink tubing

**Features/Applications:**

BH-MT-PVDF-150K has the characteristics of softness, smoothness and translucency, and it's suitably designed for the application in medical devices which required high temperature and abrasion resistance. The polyvinylidene fluoride (PVDF) material complies with USP Class VI medical grade. It has stable performance to chemical substances such as alcohol, and is very suitable for the insulation protection of various types of medical devices.

- Shrink Ratio: d 2:1;
- Operating temperature: -65°C~150°C;
- Minimum shrink temperature: 125°C
- Minimum fully recovery temperature: 150°C;
- ISO 10993-1 compliant;
- Compatibility with gamma rays and ETO sterilization;
- Color: Clear and black



## Technical Data

Property	Test Method	Typical Data
Longitudinal change	ASTM D2671	-10%~10%
Tensile strength	ASTM D2671	≥24.1Mpa
Volume resistivity	ASTM D2671	≥10 <sup>11</sup> Ω.cm
Dielectric voltage withstand	ASTM D2671	AC2500V/60S
		No breakdown
Elongation at break	ASTM D2671	≥200%
Heat shock	ASTM D2671	No cracking
	(275°C/4 hrs)	
Low temperature flexibility	ASTM D2671	No cracking
	(-55°C/4 hrs)	
Elongation at break after aging	ASTM D2671	≥100%
	(225°C/168 hrs)	
Flammability	ASTM D2671	VW-1

## Product Dimensions (mm)

Size	As supplied (mm)		After recovered (mm)		Standard length	
	ID(Min.)	ID(Max.)	ID(Max.)	Wall thickness(mm)	M/Roll	M/Pc
1.2	≥1.2	≤0.6	≤0.6	0.25±0.10	200	1.22
1.6	≥1.6	≤0.8	≤0.8	0.25±0.10	200	1.22
2.4	≥2.4	≤1.2	≤1.2	0.25±0.10	200	1.22
3.2	≥3.2	≤1.6	≤1.6	0.25±0.10	200	1.22
4.8	≥4.8	≤2.4	≤2.4	0.25±0.10	200	1.22
6.4	≥6.4	≤3.2	≤3.2	0.30±0.10	100	1.22
9.5	≥9.5	≤4.8	≤4.8	0.30±0.10	100	1.22
12.7	≥12.7	≤6.4	≤6.4	0.30±0.10	100	1.22
19.1	≥19	≤9.5	≤9.5	0.43±0.12	100	1.22
25.4	≥25	≤12.7	≤12.7	0.48±0.12	50	1.22
38.1	≥38	≤19	≤19	0.51±0.12	50	1.22
50.8	≥51	≤25.4	≤25.4	0.58±0.15	50	1.22