

# BH-150K

## FLEXIBLE THIN WALL PVDF TUBING

### Features/Applications

BH-150K is excellent flame retardant heat-shrinkable soft Polyvinylidene fluoride tube for applications requiring high temperature resistance, outstanding abrasion and cut through resistance or superior chemical and solvent resistant properties. It reliably protects solder joints, terminals and connections against most industrial fuels, solvents and chemicals. the glass like appearance makes it easily to inspect the mark on protected harness.

- Minimum fully recovery temperature: 150°C
- Meet: UL, VW-1, Meet: SAE-AMS-DTL-23053/18
- Standard color: Clear, Black



### Technical Data

Property	Test Method	Typical Data
Operating temperature	IEC 216	-55 to +150°C
Tensile strength	ASTM D 2671	≥30MPa
Elongation at break	ASTM D 2671	≥150%
Elongation at break after aging	180°C, 168 hrs.	≥100%
Heat shock	250°C, 4 hrs.	No cracking
Cold bend	-55°C, 4 hrs.	No cracking
Flammability	VW-1	Pass
Volume resistance	IEC93	≥10 <sup>13</sup> Ω .cm
Copper corrosion	180°C, 168 hrs.	No corrosion
Copper stability	180°C, 168 hrs.	No sign of degradation

### Product Dimensions (mm/inch)

Normal size		As supplied (mm)	After recovered (mm)		Standard length (m/spool)
Inch	mm	Inside diameter (Min.)	Inside diameter (Max.)	Wall thickness (mm)	
3/64	1.2	1.2	0.60	0.25±0.05	200
1/16	1.6	1.6	0.80	0.25±0.05	200
3/32	2.4	2.4	1.20	0.25±0.04	200
1/8	3.2	3.2	1.60	0.25±0.04	200
3/16	4.8	4.8	2.40	0.25±0.04	100
1/4	6.4	6.4	3.20	0.30±0.05	100
3/8	9.5	9.5	4.80	0.30±0.05	100
1/2	12.7	12.7	6.40	0.30±0.05	100
3/4	19.1	19.1	9.50	0.43±0.07	50
1	25.4	25.4	12.70	0.48±0.07	50
1-1/4	31.8	31.8	15.9	0.51±0.08	50
1-1/2	38.1	38.1	19	0.51±0.07	50