

## PVDF Heat Shrink Tubing



### Model Number: SB-PVDF-HST

Working temperature: -55°C ~ 175°C

### Structure

These thin wall heat shrinkable tube are the polyvinylidene fluoride composed and treated in radiation modification. This tubing possesses good wear & heat resistant, oil & chemical solvent resistant and flame retarding.

### Characteristics

1. High withstand to abrasion and cut-through
2. Excellent chemical and solvent resistance
3. Shrink Temperature: 175°C
4. Shrink ratio: 2:1

### Usage

Semi-rigid thin wall PVDF heat shrink tubing, ideal for electronic, automotive and military applications requiring protection and see-through inspection. It can be widely used in high temperature, industrial fuels, solvents and chemical erosion of weld, terminal and the connection to protect the cables.

### Specification

Item	Test Method	Unit	Specifications
Min Shrink Temperature	-	°C	155
Operation Temperature	-	°C	-55 ~ 175
Specific Gravity	ASTM D792	g/cm <sup>3</sup>	1.78
Tensile Strength	ASTM D2671	M Pa	≥25
Elongation at Break	ASTM D2671	%	≥550
After Aging Elongation	250°C, 168hrs	%	≥500
Heat Shock	300°C, 4hrs	-	No Cracking
Cold Bend	-55°C, 4hrs	-	No Cracking
Volume Resistivity	ASTM D257	Ω. cm	≥10 <sup>14</sup>
Flammability Rating	UL-224	VW-1	Pass

**Dimension**

Size		As Supplied (mm)	After Recovery (mm)		Standard Package
(inch)	(mm)	Internal Diameter (mm)	Internal Diameter (mm)	Wall Thickness (mm)	(m/spool)
3/64	1.2	1.2	0.6	0.25±0.05	200
1/16	1.6	1.6	0.8	0.25±0.05	200
3/32	2.4	2.4	1.2	0.25±0.05	200
1/8	3.2	3.2	1.6	0.25±0.05	100
3/16	4.8	4.8	2.4	0.25±0.05	100
1/4	6.4	6.4	3.2	0.30±0.05	100
3/8	9.5	9.5	4.8	0.30±0.05	50
1/2	12.7	12.7	6.4	0.30±0.05	50
3/4	19.1	19.1	9.5	0.42±0.05	50
1	25.4	25.4	12.7	0.50±0.05	50
1-1/2	38.1	38.1	19.1	0.50±0.05	50