

PVDF Heat Shrink Tubing



Model Number: SBD-PVDF-HST

Working temperature: -55°C ~ 175°C

Structure

PVDF 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/cm3	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 ¹³
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	0.36±0.05	50
1	25.4	25.4	12.7	0.41±0.05	50
1-1/2	38.1	38.1	19.1	0.50±0.05	50

Standard color is transparent, other color can be customized.