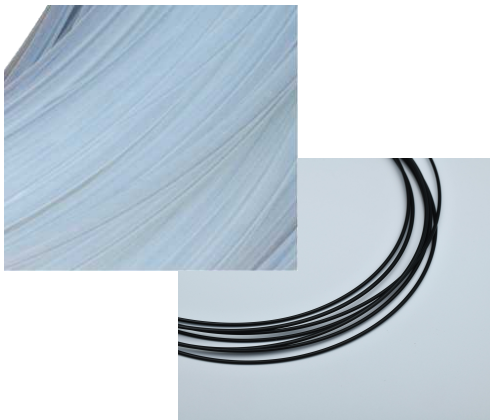


PVDF HEAT SHRINK TUBING/KYNAR TUBING

GD-PVDF

● Overview

Name	Flame Test	Application	Shrink Temperature	Working Temperature
GD-PVDF	175°C 600V VW-1	High-temperature requirements, excellent wear resistance, cut-through resistance, solvent and chemical resistance. Insulation and stress-relief properties for solder points on junction boxes. transparency facilitates visual identification of electronic components.	Initial shrinking temperature: 155°C Finished shrinking temperature: 175°C	-55°C to 175°C



Key Properties:

- Shrinking Ratio: 2:1
- Tough, semi-rigid, thin-wall insulation.
- High-temperature resistance to meet military and industrial requirements.
- Highly flame-resistant, meeting with VW-1 requirements.
- Complies with ROHS, REACH, and Sony environmental standards.
- Excellent resistance to most industrial solvents, fuels, and chemicals.
- Recommended operating temperature: 175°C

● Specifications

Item	Test Method	Unit	Value
Density	ASTM D792	g/cm ³	≤1.8
Tensile Strength	ASTM D2671	MPa	≥34.5
Elongation at Break	ASTM D2671	%	≥150
Elongation after Aging 250°C/168hrs	UL-224	%	≥50
Thermal Shock 300°C/4hrs	UL-224	—	No dripping, No cracking
Low-temperature Impact -55°C/4hrs	UL-224	—	No cracking
Dielectric Strength	ASTM D2671	kV/mm	≥31.5
Volume Resistivity	ASTM D257	Ω·cm	≥10 ¹³
Flame Resistance Rating	UL-224	VW-1	Pass

● Order Info

Color	Standard	Clear
	Non-standard	Other colors
Size	Special size and color are available on request.	
Packaging	Spool (Coil)	
Order	Please note the product name, size, and color on the order.	

● Standard Size (Ratio 2:1)

Size	Inner Diameter (mm/inch)		Recovered Wall Thickness (mm/inch)
	Minimum Expanded ID	Maximum Recovered ID	
1/32	0.9 (0.031)	0.45 (0.018)	0.25±0.05 (0.010±0.002)
3/64	1.2 (0.046)	0.6 (0.023)	0.25±0.05 (0.010±0.002)
1/16	1.6 (0.063)	0.8 (0.031)	0.25±0.05 (0.010±0.002)
3/32	2.4 (0.093)	1.2 (0.046)	0.25±0.05 (0.010±0.002)
1/8	3.2 (0.125)	1.6 (0.062)	0.25±0.05 (0.010±0.002)
3/16	4.8 (0.187)	2.4 (0.093)	0.25±0.05 (0.010±0.002)
1/4	6.4 (0.250)	3.2 (0.125)	0.33±0.05 (0.013±0.002)
3/8	9.5 (0.375)	4.8 (0.187)	0.33±0.05 (0.013±0.002)
1/2	12.7 (0.500)	6.4 (0.250)	0.33±0.05 (0.013±0.002)
3/4	19.1 (0.750)	9.5 (0.375)	0.43±0.08 (0.017±0.003)
1	25.4 (1.000)	12.7 (0.500)	0.48±0.08 (0.019±0.003)

Custom sizes and specifications beyond the list are available on request.

