



HSK-600

PVDF Heat Shrinkable Tubing



Uses and Features

Ideal for high-temperature applications

Improved chemical resistance when compared to Polyolefin and PVC

Optimal for use as electrical insulation and strain relief of high temperature wires, solder joints, terminals and connections

High degree of mechanical strength

Highly flame retardant

Outstanding abrasion, cut-through and impact resistance

Technical Data

Shrink ratio: 2:1

Recommended Shrink Temperature: 175°C

Operating Temperature Range: -55°C to 175°C

Longitudinal Change: +/- 10%

Shelf Life: 5 Years

Recommend Storage: <35°

Standard Colors: Translucent

Standard Packaging: 4' Lengths

Certifications

UL 224 VW-1, 150° C, 600 V

CSA OFT

SAE AS23053/8

PVDF Heat Shrinkable Tubing



Summary of Properties

Category	Property	Units	Value
Mechanical	Specific Gravity	g/cc	1.8
	Tensile Strength	psi	5000
	Min. Ultimate Elongation	%	150
Electrical	Volume Resistivity	ohm-cm	3.8×10^{15}
	Dielectric Strength (<.5" Exp. I.D.)	v/mil	1000
	Dielectric Strength (≥ .5" Exp. I.D.)	v/mil	700
Thermal	Flamability	N/A	VW-1

Size	Minimum Expanded I.D.		Maximum Recovered I.D.		Recovered Wall Nominal		Standard Packaging (per box) Product on Spools
	in.	mm	in.	mm	in.	mm	
3/64	.046	1.17	.023	0.58	.010	0.25	1,000'
1/16	.063	1.60	.031	0.79	.010	0.25	1,000'
3/32	.093	2.36	.046	1.17	.010	0.25	1,000'
1/8	.125	3.18	.062	1.57	.010	0.25	1,000'
5/16	.187	4.75	.093	2.36	.010	0.25	800'
1/4	.250	6.35	.125	3.18	.012	0.30	500'
3/8	.375	9.53	.187	4.75	.012	0.30	500'
1/2	.500	12.70	.250	6.35	.012	0.30	400'
5/8	.625	15.88	.313	7.94	.014	0.36	200'
3/4	.750	19.05	.375	9.53	.017	0.43	200'
1	1.000	25.40	.500	12.70	.019	0.48	120'
1 1/2	1.500	38.10	.750	19.05	.020	0.51	96'

All information presented is believed to be reliable and is offered only as a guide to product selection. As each application is unique, Insultab can make no warranties as to the suitability of any products for a particular use. Specifications are subject to change.