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 fame 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°
- **Available Colors:** Translucent
- **Standard Packaging:** 4' Lengths

Certifications

- UL 224 VW-1, 150° C, 600 V
- CSA OFT
- SAE AS23053/8

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HEAT SHRINK

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	Flammability	N/A	VW-1

	Minimum Expanded I.D.		Maximum Recovered I.D.		Recovered Wall Nominal		Standard Packaging 4' Sticks
Size	in.	mm	in.	mm	in.	mm	ft. / Bag
3/64	.046	1.17	.023	0.58	.010	0.25	500'
1/16	.063	1.60	.031	0.79	.010	0.25	500'
3/32	.093	2.36	.046	1.17	.010	0.25	500'
1/8	.125	3.18	.062	1.57	.010	0.25	500'
3/16	.187	4.75	.093	2.36	.010	0.25	200'
1/4	.250	6.35	.125	3.18	.012	0.30	200'
3/8	.375	9.53	.187	4.75	.012	0.30	200'
1/2	.500	12.70	.250	6.35	.012	0.30	100'
5/8	.625	15.88	.313	7.94	.014	0.36	200'
3/4	.750	19.05	.375	9.53	.017	0.43	100'
1	1.000	25.40	.500	12.70	.019	0.48	60'
1 1/2	1.500	38.10	.750	19.05	.020	0.51	40'

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.