

LSK



THIN WALL PVDF Heat Shrink Tubing

Transparent, thin wall PVDF (polyvinylidene fluoride) heat shrink tubing ideal for electronic, automotive and military applications requiring protection and see-through inspection in aggressive environments.

Features and Application

2:1 shrink ratio

3:1 shrink ratio upon request

Long term resistance to diesel, hydraulic fluids and chemicals

Semi-rigid

Flame retardant

High abrasion and cut resistance

Meets MIL 23053/18

Continuous operating temperature: -55°C-175°C

Shrink temperature: 175°C

Standard Color : Transparent

Dimensions 2:1 (2X)

Size		Expanded (mm)	Recovered (mm)		Standard Package m/spool
Inch	mm	Internal Diameter mm(min)	Internal Diameter mm (max)	Wall Thickness mm(nom)	
3/64	1,2	≥1,2	≤0,6	0,33±0,10	150
1/16	1,6	≥1,6	≤0,8	0,33±0,10	150
3/32	2,4	≥2,4	≤1,2	0,33±0,10	150
1/8	3,2	≥3,2	≤1,6	0,35±0,10	150
3/16	4,8	≥4,8	≤2,4	0,35±0,10	75
1/4	6,4	≥6,4	≤3,2	0,35±0,10	75
3/8	9,5	≥9,5	≤4,8	0,38±0,10	50
1/2	12,7	≥12,7	≤6,4	0,38±0,10	50
3/4	19,0	≥19,1	≤9,5	0,42±0,10	50
1	25,4	≥25,4	≤12,7	0,42±0,10	50
1-1/2	38,1	≥38,1	≤19,0	0,48±0,10	50

TECHNICAL DATA SHEET

Revision Number. 1

Last Edited 14. august 2023

Technical Data

Property	Test method	Standard Performance
Tensile strength(MPa)	ASTM D 2671	≥30
Elongation (%)	ASTM D 2671	≥150
Tensile	ASTM D 2671	≥100
Flammability	ASTM D 2671	VW-1
Volume resistivity (Ω.cm)	IEC 60093	≥1×10 ¹⁴
Heat Shock	250 °C, 4h	No Cracking
Cold Bend	-45 °C, 4h	No Cracking
Dielectric strength (kv/mm)	ASTM D2671	≥30