

Thin Wall Tubing

175°C, Clear, Semi-Rigid, High Temperature, Chemical Resistant, PVDF, Heat Shrink

pro-POWER

RoHS
Compliant



Description

Semi-rigid flame-retardant heat shrinkable Polyvinylidene fluoride (PVDF) tubing for applications requiring high temperature performance, outstanding abrasion and cut-through resistance or superior chemical and solvent resistant properties. It reliably protects wires, solder joints, terminals, connectors and components from most industrial fluids, solvents and chemicals.

Specifications

Operating temperature	: -55°C to +175°C
Minimum Full Recovery Temperature	: 175°C
Shrink Ratio	: 2:1
Colour	: Clear

Technical Data

Property	Test Method	Typical Data
Tensile Strength	ASTM D2671	≥30Mpa
Ultimate Elongation	ASTM D2671	≥550%
Elongation after Heat Aging	168hrs, 250°C	≥500%
Flammability	UL 224 VW-1	Pass
Heat Shock	300°C, 1hr	No cracking
Cold Bend	-55°C, 1hr	No Cracking
Dielectric Strength	ASTM D2671	≥30kV/mm
Volume Resistivity	ASTM D 876	≥1x10 ¹⁴ Ω·Cm

Product Dimensions

Part Number	Size		As supplied	After Recovery(mm)	
	Inch	mm	Internal Diameter (mm)	Internal Diameter (mm)	Wall Thickness (mm)
PP001990	1/16	1.6	1.6	0.8	0.25 ±0.05
PP001993	3/32	2.4	2.4	1.2	0.25 ±0.05
PP001994	1/8	3.2	3.2	1.6	0.25 ±0.05
PP001995	3/16	4.8	4.8	2.4	0.25 ±0.05
PP001996	1/4	6.4	6.4	3.2	0.3 ±0.05
PP001997	3/8	9.5	9.5	4.8	0.3 ±0.05
PP001991	1/2	12.7	12.7	6.4	0.3 ±0.05
PP001992	3/4	19.1	19.1	9.5	0.42 ±0.05

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Part Number Table

Description	Part Number
Tubing, High Temp, Chemical Resistant, PVDF, 1.6mm, Clear, 1.2m	PP001990
Tubing, High Temp, Chemical Resistant, PVDF, 12.7mm, Clear, 1.2m	PP001991
Tubing, High Temp, Chemical Resistant, PVDF, 19.1mm, Clear, 1.2m	PP001992
Tubing, High Temp, Chemical Resistant, PVDF, 2.4mm, Clear, 1.2m	PP001993
Tubing, High Temp, Chemical Resistant, PVDF, 3.2mm, Clear, 1.2m	PP001994
Tubing, High Temp, Chemical Resistant, PVDF, 4.8mm, Clear, 1.2m	PP001995
Tubing, High Temp, Chemical Resistant, PVDF, 6.4mm, Clear, 1.2m	PP001996
Tubing, High Temp, Chemical Resistant, PVDF, 9.5mm, Clear, 1.2m	PP001997

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