

## 175°C Heat Shrink PVDF Tubing(KYNAR)



**Model: HHST-175**

### Description

175°C Heat Shrink PVDF Tubing(KYNAR) HHST-175 is semi-rigid, excellent flame retardant heat-shrinkable Polyvinylidene fluoride (PVDF) tube 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 and connections and components from most industrial fuels, solvents and chemicals.

### Features

- >Approvals: UL, VW -1
- >Meet: RoHS, SAE-AMS-DTL-23053/18
- >Operating temperature: -55°C to +175°C
- >Minimum shrink temperature: 175°C
- >Standard color: Clear

Property	Test Method	Typical Data
Operating temperature	IEC 216	-55°C to +175°C
Tensile strength	ASTM D 2671	34.5MPa
Elongation at break	ASTM D 2671	150%
Elongation at break after aging	250°C/168hrs.	100%
Heat shock	300°C/1hr.	No cracking
Cold bend	-55°C/1hr.	No cracking
Flammability	VW -1	Pass
Volume resistance	IEC 93	1013Ω.cm
Dielectric strength	ASTM D 2671	30kV/mm

**Specification**

Normal size		As supplied(mm)		After recovered (mm)		Tube shape	Standard length (m/roll)
(inch)	(mm)	Inside diameter (Min.)	Inside diameter (Max.)	Wall thickness (Nom.)			
3/ 64	1.2	1.2	0.6	0.25±0.05	O	200	
1/16	1.6	1.6	0.8	0.25±0.05	O	200	
3/ 32	2.4	2.4	1.2	0.25±0.05	O	200	
1/ 8	3.2	3.2	1.6	0.25±0.05	O	100	
3/16	4.8	4.8	2.4	0.25±0.05	O	100	
1/ 4	6.4	6.4	3.2	0.30±0.05	O	100	
3/ 8	9.5	9.5	4.8	0.30±0.05	-	50	
1/ 2	12.7	12.7	6.4	0.30±0.05	-	50	
3/ 4	19.1	19.1	9.5	0.42±0.05	-	50	
1	25.4	25.4	12.7	0.50±0.05	-	50	
1-1/2	38.1	38.1	19.1	0.50±0.05	-	50	

Tube shape: “O” : Round or Oval, “—”: Flat