

Q-175K



**175°C , CLEAR, SEMI-RIGID, HIGH TEMPERATURE,
CHEMICAL RESISTANT PVDF TUBING
SHRINK RATIO 2:1**

Features/Applications

Semi-rigid flame retardant heat shrinkable polyvinylidene fluoride 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.

- Operating temperature: -55°C to +175°C
- Full recovery temperature: 175°C
- Approval: UL VW-1, File No. E245010
- Meets: SAE-AMS-DTL-23053/18
- Standard color: Clear
- RoHS Compliant



Technical Data

Property	Test Method	Typical Data
Operating Temperature	IEC 216	-55°C to +175°C
Tensile Strength	ASTM D 2671	≥ 34.5 MPa
Ultimate Elongation	ASTM D 2671	≥ 150%
Ultimate Elongation After Aging	250°C, 168 hrs.	≥ 100%
Heat Shock	300°C, 1 hr.	No cracking
Cold Bend	-55°C, 1 hr.	No cracking
Dielectric Strength	ASTM D 2671	≥ 30 kV / mm
Volume Resistance	IEC 93	≥ 10 ¹³ Ω.cm
Flammability	VW-1	Pass

Product Dimensions

Size		As Supplied (mm)	After Recovered (mm)		Standard Packaging		
Inch	mm	Inside Diameter (min.)	Inside Diameter (max.)	Wall Thickness (min.)	Standard Spool *(SS) (Meter)	Cut to Length Pcs. *(QB) Qty per bag	
						6"	48"
3/64	1.2	1.2	0.6	0.20	200	32	25
1/16	1.6	1.6	0.8	0.20	200	28	25
3/32	2.4	2.4	1.2	0.23	200	24	25
1/8	3.2	3.2	1.6	0.23	200	20	25
3/16	4.8	4.8	2.4	0.23	100	16	25
1/4	6.4	6.4	3.2	0.28	100	12	25
3/8	9.5	9.5	4.8	0.28	-	8	25
1/2	12.7	12.7	6.4	0.28	-	4	5

Notes:

1. * See Part Number Guide for standard packaging codes..
2. Cross Reference Guide available.
3. Special sizes, packaging, colors and cut pieces are available upon request.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Qualtek:

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