Q-175K

RoHS Compliant

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
3/4	19.1	19.1	9.5	0.36	-	2	5
1	25.4	25.4	12.7	0.41	-	1	5
1 1/2	38.1	38.1	19.0	0.51	-	1	5

Notes:
1. * See page 13 - Part Number Guide for standard packaging codes.
2. Cross Reference Guide located on page 3.
3. Special sizes, packaging, colors and cut pieces are available upon request.