

Q-150K

150°C, BLACK, MODIFIED THIN WALL FLEXIBLE PVDF
SHRINK RATIO: 2:1

Features/Applications

Excellent 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 +150°C

Full recovery temperature: 175°C

Approvals: UL 224 150°C, 600V, File No. E245010

SAE-AMS-DTL-23053/8

Standard color: Black

RoHS Compliant



Technical Data

Property		Test Method	Typical Data
Operating temperature		IEC 216	-55°C to +150°C
Un-aged	Tensile strength	ASTM D 638	Min. 25MPa
	Elongation	ASTM D 638	Min. 200%
After Aging	Elongation	225°C, 168 hrs.	Min.100%
Heat shock		275°C, 4hrs.	No cracking
Cold bend		-55°C, 4hrs.	No cracking
Dielectric Strength		ASTM D 2671	15.7KV/mm
Volume resistivity		ASTM D 876	Min. 10 ¹¹ Ω.cm
Copper corrosion		160°C, 16hrs.	No corrosion
Flammability		VW-1	Pass

Product Dimensions (mm/inch)

Normal Size		As Supplied(mm)		After Recovered(mm)		Standard Length (m/spool)
inch	mm	Inside Diameter (min.)	Wall Thickness	Inside Diameter (max.)	Wall Thickness	
3/64	1.2	1.2	0.10	0.60	0.25±0.05	305
1/16	1.6	1.6	0.10	0.80	0.25±0.05	305
3/32	2.4	2.4	0.12	1.20	0.27±0.04	153
1/8	3.2	3.2	0.12	1.60	0.27±0.04	153
3/16	4.8	4.8	0.12	2.40	0.27±0.04	61
1/4	6.4	6.4	0.14	3.20	0.33±0.05	61
3/8	9.5	9.5	0.14	4.80	0.33±0.05	61
1/2	12.7	12.7	0.14	6.40	0.33±0.05	61
3/4	19.1	19.1	0.18	9.50	0.43±0.07	61
1	25.4	25.4	0.20	12.70	0.48±0.07	61