

Q-150K

150°C , BLACK, MODIFIED THIN WALL FLEXIBLE PVDF TUBING
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 solder joints, terminals and connectors from most industrial fluids, solvents and chemicals.

Operating temperature: -55°C to +150°C

Minimum shrink temperature: 135°C

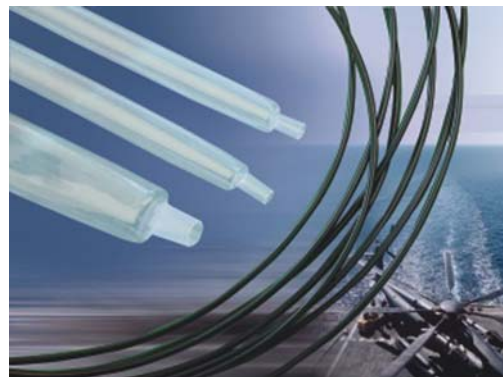
Full recovery temperature: 150°C

Approvals: UL 224, VW-1, 150°C, 600V

SAE-AMS-DTL-23053/18

Standard colors: Black, Clear

RoHS Compliant



Technical Data

Property		Test Method	Typical Data
Operating Temperature		IEC 216	-55°C to +150°C
Unaged	Tensile Strength	ASTM D 2671	Min. 30 MPa
	Elongation	ASTM D 2671	Min. 150%
After Aging		180°C, 168 hrs.	Min. 100%
Heat Shock		250°C, 4 hrs.	No cracking
Cold Bend		-55°C, 4 hrs.	No cracking
Dielectric Strength		UL 224	Min. 2.5 KV / 1minute
Volume Resistance		ASTM D 876	Min. 10 ¹³ Ω.cm
Copper Corrosion		180°C, 168 hrs.	No corrosion
Copper Stability		180°C, 168 hrs.	No sign of degradation
Flammability		VW-1	Pass

Product Dimensions (mm/Inch)

Size		As Supplied Inside Diameter (min.) (mm)	After Recovered Inside Diameter (max.) (mm)	After Recovered Wall Thickness (nor.) (mm)	* Style	Standard Packaging	
mm	Inch					Standard Spool (Feet)	Cut Length (Inch)
1.2	3/64	1.2	0.6	0.25±0.04	0	200	6", 48"
1.6	1/16	1.6	0.8	0.25±0.04	0	200	6", 48"
2.4	3/32	2.4	1.2	0.25±0.04	0	200	6", 48"
3.2	1/8	3.2	1.6	0.25±0.04	0	100	6", 48"
4.8	3/16	4.8	2.4	0.25±0.04	0	100	6", 48"
6.4	1/4	6.4	3.2	0.30±0.05	0	100	6", 48"
9.5	3/8	9.5	4.8	0.30±0.05	-	50	6", 48"
12.7	1/2	12.7	6.4	0.30±0.05	-	50	6", 48"
19.1	3/4	19.1	9.5	0.43±0.07	-	50	6", 48"
25.4	1	25.4	12.7	0.48±0.07	-	50	6", 48"
38.1	1 1/2	38.1	19.0	0.51±0.07	-	30	6", 48"

Special sizes, cut pieces are available upon request.

*0 = airfilled or oval, - = flattened