



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## 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
- Approval: UL VW-1, File No. E245010
- Meets: SAE-AMS-DTL-23053/18
- Standard colors: Black, Clear
- RoHS Compliant



Technical Data		
Property	Test Method	Typical Data
Tensile Strength	ASTM D 2671	> 30 MPa
Ultimate Elongation	ASTM D 2671	> 150%
Flammability	VW-1	Pass
Volume Resistance	IEC 93	$\geq 10^{14} \Omega \cdot \text{cm}$
Copper Stability	180°C, 168 hrs.	Pass
Copper Corrosion	180°C, 168 hrs.	No Corrosion

Size		As Supplied (mm)	After Recovered (mm)		Tubing Shape	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	0.26	Round	200	32	25
1/16	1.6	1.6	0.8	0.26	Round	200	28	25
3/32	2.4	2.4	1.2	0.26	Round	200	24	25
1/8	3.2	3.2	1.6	0.26	Round	100	20	25
3/16	4.8	4.8	2.4	0.26	Round	100	16	25
1/4	6.4	6.4	3.2	0.26	Round	100	12	25
3/8	9.5	9.5	4.8	0.30	Flat	50	8	25
1/2	12.7	12.7	6.4	0.30	Flat	50	4	5
3/4	19.1	19.1	9.5	0.41	Flat	50	2	5
1	25.4	25.4	12.7	0.41	Flat	50	1	5
1 1/2	38.1	38.1	19.0	0.51	Flat	50	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.