



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Q2-R RoHS Compliant

**SEMI-RIGID, MULTI-PURPOSE,
FLAME RETARDANT, POLYOLEFIN TUBING
SHRINK RATIO 2:1**

Features/Applications

Outstanding physical, chemical and electrical properties. Widely used for insulation of harnesses and connectors in such fields as military, aerospace and fine electronic instruments. Resistant to common fluids and solvents.

- Operating temperature: -55°C to +135°C
- Minimum shrink temperature: 70°C
- Full recovery temperature: 130°C
- Approvals⁴: File No. E236137, File No. 242540, 125°C, VW-1, 600V
- Meets: SAE-AMS-DTL-23053/6 Class 1 & 2, Sony SS-00259
- Standard colors: Black, clear (Non-flame retardant)
- RoHS Compliant



Technical Data		
Property	Test Method	Typical Data
Operating Temperature	IEC 216	-55°C to +135°C
Tensile Strength	ASTM D 2671	>16 MPa
Ultimate Elongation	ASTM D 2671	> 500%
Longitudinal Shrinkage	UL 224	0 ± 5%
Eccentricity	ASTM D 2671	< 30%
Heat Aging Tensile Strength Ultimate Elongation	175°C, 168 hrs.	> 12 MPa > 350 %
Flammability	VW-1	Pass
Dielectric Strength	ASTM D 150	> 20kV / mm
Voltage Withstand	ASTM D 2671 / AC2500V. 1 min.	No Breakdown
Volume Resistance	ASTM D 2671	10 ¹⁴ Ω.cm
Copper Stability	UL 224	Pass
Copper Corrosion	UL 224	No Corrosion

Product Dimensions							
Size (Inch)	As Supplied (mm)		After Recovered (mm)		Standard Packaging		
	Inside Diameter (min.)	Inside Diameter (max.)	Wall Thickness (min.)	Mini Spool *(MS) (Feet)	Standard Spool *(SS) (Feet)	Cut to Length Pcs. *(QB)	
						Qty per bag	
						6"	48"
3/64	1.2	0.6	0.4	100	500	40	25
1/16	1.6	0.8	0.4	100	500	36	25
3/32	2.4	1.2	0.5	100	500	32	25
1/8	3.2	1.6	0.5	100	500	28	25
3/16	4.8	2.4	0.5	100	250	24	25
1/4	6.4	3.2	0.6	100	250	20	25
3/8	9.5	4.8	0.6	100	250	16	25
1/2	12.7	6.4	0.6	100	150	14	5
5/8	16.0	8.0	0.7	50	150	14	5
3/4	19.1	9.5	0.7	50	150	12	5
1	25.4	12.7	0.9	50	150	8	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.
 4. Clear tubing is not flame retardant, UL or CSA approved.