



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-XT, Q2-XT(HF)

NON-SHRINK, IRRADIATED FLEXIBLE
FLAME RETARDANT POLYOLEFIN TUBING
NO PBB's, PBBO's, PBBE's

Features/Applications

Q2-XT tubing is made from radiation cross linked flame retardant polyolefin. Designed to provide mechanical protection and insulation for harnesses used in automobile and electronic facilities. The environment friendly formulation makes the tubing free from harmful heavy metal and PBB's, PBBO's and PBBE's that are suspected to be harmful to human beings and the environment.

- Q2-XT: Flame Retardant
- Q2-XT(HF): Halogen Free Flame Retardant
- Operating temperature: -55°C to +125°C
- Approval: 242540
- Meets: UL 224, 125°C, VW-1, 600V
- Standard color: Black
- Other colors are available upon request.
- RoHS Compliant



Technical Data

Property	Test Method	Typical Data
Tensile Strength	ASTM D 2671	≥ 10.4 MPa
Tensile Strength After Aging	ASTM D 2671	Remains 70%
Elongation at Break	ASTM D 2671	200%
Elongation at Break After Aging	ASTM D 2671	100%
Heat Shock (250°C, 4hrs.)	ASTM D 2671	No cracking or dropping
Cold Bend (-30°C, 1hr.)	ASTM D 2671	No cracking
Voltage Withstand (AC 2500V, 60 seconds)	ASTM D 876	≥ 34kV / mm
Volume Resistance	ASTM D 876	≥ 10 ¹⁴ Ω.cm
Flammability	UL 224, VW-1	Pass
Copper Stability (158°C, 168hrs.)	UL 224	No corrosion
Water Absorption	ASTM D 570	0.5%

Product Dimensions

Size AWG / Inch	Inside Diameter (mm)	Wall Thickness (mm)	Standard Spool *(SS) (Meter)
18	1.00 ± 0.10	0.40 ± 0.06	400
16	1.30 ± 0.10	0.40 ± 0.06	400
14	1.65 ± 0.10	0.40 ± 0.06	400
12	2.10 ± 0.15	0.40 ± 0.06	400
10	2.60 ± 0.15	0.50 ± 0.06	400
8	3.30 ± 0.15	0.50 ± 0.06	400
6	4.10 ± 0.20	0.50 ± 0.06	200
4	5.20 ± 0.20	0.50 ± 0.06	200
2	6.50 ± 0.20	0.50 ± 0.06	100
0	8.30 ± 0.30	0.50 ± 0.06	100
3/8"	9.50 ± 0.40	0.50 ± 0.06	100
7/16"	11.10 ± 0.40	0.50 ± 0.06	100
1/2"	12.70 ± 0.40	0.50 ± 0.06	100

Notes:

1. * See Part Number Guide for standard packaging codes.
2. Special sizes, packaging, colors and cut pieces are available upon request.