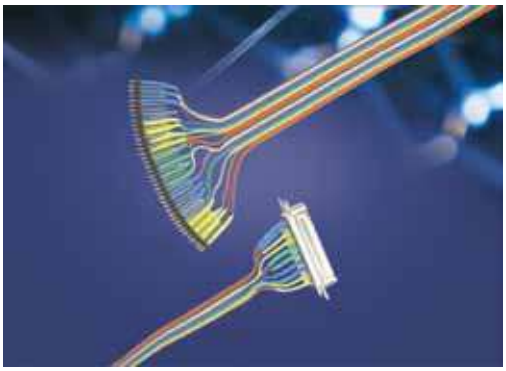
Q2-F3X

RoHS Compliant

HIGHLY FLEXIBLE, FLAME RETARDANT POLYOLEFIN TUBING
SHRINK RATIO 3:1



Features/Applications
Outstanding physical, chemical and electrical properties make it a good choice for electrical insulation, bundling and marking. It also prevents corrosion plus provides mechanical protection. It's 3:1 shrink ratio makes it suitable for applying to irregular and difficult shapes.

- Operating temperature: -55°C to +135°C
- Minimum shrink temperature: 70°C
- Full recovery temperature: 100°C
- Approvals[4]: File No. E236137, File No. 242540, 125°C, VW-1, 600V
- Meets: SAE-AMS-DTL-23053/5 Class 1 & 3, Sony-SS-00259,
- Standard color: Black
- Special Colors: Red, blue, yellow, green, clear (class 2)
- RoHS Compliant

Technical Data

Property	Test Method	Typical Data
Operating Temperature	IEC 216	-55°C to +135°C
Tensile Strength	ASTM D 2671	>14 MPa
Ultimate Elongation	ASTM D 2671	> 600%
Longitudinal Shrinkage	UL 224	0 ± 5%
Eccentricity	ASTM D 2671	< 35%
Heat Aging Tensile Strength Ultimate Elongation	175°C, 168 hrs.	 > 11 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		As Supplied (mm)	After Recovered (mm)		Standard Packaging		
Inch	mm	Inside Diameter (min.)	Inside Diameter (max.)	Wall Thickness (min.)	Standard Spool *(SS) (Feet)	Cut to Length Pcs. *(QB) Qty per bag	
						6"	48"
1/16	1.5/0.5	1.6	0.5	0.45	500	28	25
1/8	3.0/1.0	3.2	1.0	0.55	500	24	25
3/16	4.5/1.5	4.8	1.5	0.60	500	24	25
1/4	6.0/2.0	6.4	2.0	0.65	250	20	25
3/8	9.0/3.0	9.5	3.0	0.75	250	16	25
1/2	12.0/4.0	12.7	4.0	0.80	150	14	5
3/4	18.0/6.0	19.1	6.0	0.90	150	12	5
1	24.0/8.0	25.4	8.0	1.20	150	8	5
1 1/2	39.0/13.0	39.0	13.0	1.25	150	5	5

Notes:
1. * See Part Number Guide for standard packaging codes..
2. Cross Reference Guide available.
3. Special sizes, packaging, colors and cut pieces are available upon request.
4. Clear tubing is not flame retardant, UL or CSA approved.