

Q2-LS



VERY LOW SHRINK TEMPERATURE, FLEXIBLE, HALOGEN FREE, POLYOLEFIN TUBING SHRINK RATIO 2:1

Features/Applications

Manufactured with modified radiation cross-linked polyolefin. This specially designed halogen free formulation makes the tubing very flexible and shrinks at low temperature. Suitable for applications where heat sensitive components are used and quick shrinkage is required. The flammability of the tubing meets the automotive flame propagation standard FMVSS 302. Although very flexible, it has good mechanical and electrical performance.

- Operating temperature: -55°C to +125°C
- Minimum shrink temperature: 65°C
- Full recovery temperature: 95°C
- Approvals: File No. 242540
- Meets: SONY-SS-00259
- Standard color: Black
- RoHS Compliant



Technical Data		
Property	Test Method	Typical Data
Operating Temperature	IEC 216	-55°C to +125°C
Tensile Strength	ASTM D 2671	>12 MPa
Ultimate Elongation	ASTM D 2671	> 400%
Longitudinal Shrinkage	UL 224	0 ± 5%
Eccentricity	ASTM D 2671	< 30%
Heat Aging Tensile Strength Ultimate Elongation	158°C, 168 hrs.	> 11 MPa > 200 %
Flammability	FMVSS 302	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"
1/16	1.6	0.8	0.5	100	1000	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	500	24	25
1/4	6.4	3.2	0.6	100	500	20	25
5/16	8.0	4.0	0.6	100	250	18	25
3/8	9.5	4.8	0.6	100	250	16	25
1/2	12.7	6.4	0.6	100	200	14	5
5/8	16.0	8.0	0.6	50	200	14	5
3/4	19.1	9.5	0.8	50	200	12	5
1	25.4	12.7	0.9	50	200	8	5
1 1/4	31.8	15.9	0.9	50	100	8	5
1 1/2	38.1	19.1	1.0	50	100	5	5
2	50.8	25.4	1.1	50	100	3	5

Notes:

- * See page 13 - Part Number Guide for standard packaging codes.
- Cross Reference Guide located on page 3.
- Special sizes, packaging, colors and cut pieces are available upon request.
- To ensure dimensional stability, Q2-LS should be stored at temperature below 40°C/104°F