


Q2-LS

RoHS
Compliant

**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 MVSS 302. Although very flexible, it has good mechanical and electrical performance.

- Operating temperature: -45°C to +125°C
- Minimum shrink temperature: 65°C
- Full recovery temperature: 95°C
- Approval:  242540
- Meets: SONY-SS-00259
- Standard color: Black
- RoHS Compliant



Technical Data

Property	Test Method	Typical Data
Tensile Strength	ASTM D 2671	13 MPa
Elongation at Break	ASTM D 2671	450%
Tensile Strength After Aging (158°C, 168 hrs.)	ASTM D 2671	11 MPa
Elongation After Aging (158°C, 168 hrs.)	ASTM D 2671	300%
Heat Shock (250°C, 4 hrs.)	ASTM D 2671	No cracking
Cold Bend Test (-55°C, 4 hrs.)	ASTM D 2671	No cracking
Copper Corrosion	UL 224	Pass
Flammability	MVSS 302	Pass
Fluid Resistance	24 hrs. at 23°C, ISO 37 Tensile strength Elongation	11 MPa 200%
Longitudinal Shrinkage	UL 224	0 ± 5%

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)	
						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:

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