

Q2-CB RoHS Compliant

**ULTRA THIN WALL, FLEXIBLE, ENVIRONMENT FRIENDLY
FLAME RETARDANT POLYOLEFIN TUBING
SHRINK RATIO 2:1**

Features/Applications

Typically used where rapid shrinking and space saving is important. Low shrink temperature further reduces installation time and risk of damage to temperature sensitive components. Low heavy metal content and flame retardant formulation make this a product that meets global environmental standards.

- Operating temperature: -55°C to +125°C
- Minimum shrink temperature: 70°C
- Full recovery temperature: 100°C
- Approvals⁴: File No. E236137, File No. 242540, 125°C, VW-1, 300V
- Meets: Sony-SS-00259
- Material: No PBB's, PBBO's, PBBE's
- Cadmium content: <5 ppm, Lead content: <30 ppm
- Standard color: Black
- Other colors are available upon request
- RoHS Compliant



| Technical Data | | |
|---|--------------------------------|-------------------------|
| Property | Test Method | Typical Data |
| Operating Temperature | IEC 216 | -55°C to +125°C |
| Tensile Strength | ASTM D 2671 | > 14 MPa |
| Ultimate Elongation | ASTM D 2671 | > 400% |
| Longitudinal Shrinkage | UL 224 | -15% to +5% |
| Eccentricity | ASTM D 2671 | < 30% |
| Heat Aging Tensile Strength Ultimate Elongation | 158°C, 168 hrs. | > 350% |
| Flammability | VW-1 | Pass |
| Dielectric Strength | IEC 243 | > 20 kV / mm |
| Voltage Withstand | ASTM D 2671 / AC 2500V, 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 | 0.80 | 0.20 | 100 | 1000 | 36 | 25 |
| 3/32 | 2.4 | 1.20 | 0.25 | 100 | 500 | 32 | 25 |
| 1/8 | 3.2 | 1.60 | 0.25 | 100 | 500 | 28 | 25 |
| 3/16 | 4.8 | 2.40 | 0.25 | 100 | 500 | 24 | 25 |
| 1/4 | 6.4 | 3.20 | 0.28 | 100 | 500 | 20 | 25 |
| 3/8 | 9.5 | 4.80 | 0.28 | 100 | 250 | 16 | 25 |
| 1/2 | 12.7 | 6.40 | 0.28 | 100 | 200 | 14 | 5 |

| Product Dimensions | | | | |
|--------------------|------------------------|------------------------|-----------------------|------------------------------|
| Size (mm) | As Supplied (mm) | After Recovered (mm) | | Standard Spool *(SS) (Meter) |
| | Inside Diameter (min.) | Inside Diameter (max.) | Wall Thickness (min.) | |
| 1.0 | 1.0 | 0.50 | 0.20 | 200 |
| 1.5 | 1.5 | 0.75 | 0.20 | 200 |
| 2.0 | 2.0 | 1.00 | 0.20 | 200 |
| 2.5 | 2.5 | 1.25 | 0.25 | 200 |
| 3.0 | 3.0 | 1.50 | 0.25 | 200 |
| 3.5 | 3.5 | 1.75 | 0.25 | 200 |
| 4.0 | 4.0 | 2.00 | 0.25 | 200 |
| 5.0 | 5.0 | 2.50 | 0.28 | 100 |
| 6.0 | 6.0 | 3.00 | 0.28 | 100 |
| 7.0 | 7.0 | 3.50 | 0.28 | 100 |
| 8.0 | 8.0 | 4.00 | 0.28 | 100 |
| 9.0 | 9.0 | 4.50 | 0.28 | 100 |
| 10.0 | 10.0 | 5.00 | 0.28 | 100 |

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. UL and CSA Approvals only for black color.