

Q5-4XR

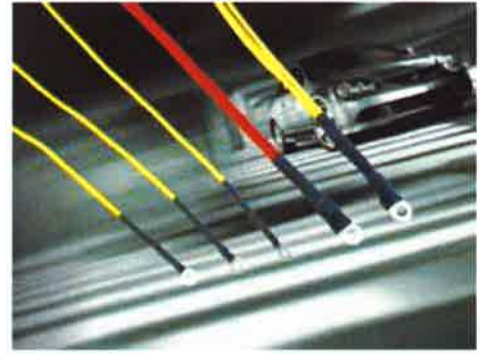


SEMI-RIGID, ADHESIVE LINED HEAT SHRINKABLE TUBING
SHRINK RATIO 4:1

Features/Applications

Specially designed for the protection of wires, terminals and other components against environmental damage. The semi-rigid composition makes it more abrasion resistant compared with most common tubing and the 4:1 shrink ratio fits a wide range of component diameters. With its thicker liner, it forms an effective barrier against fluids and moisture.

- Operating temperature: -55°C to +125°C
- Minimum shrink temperature: 110°C
- Full recovery temperature: 135°C
- Meets: SAE-AMS-DTL-23053/4, 600V
- Standard colors: Black and clear
- RoHS Compliant



Technical Data

| Property | Test Method | Typical Data |
|---|---------------|-------------------------------|
| Tensile Strength | ASTM D 2671 | >16 MPa |
| Tensile Strength After Aging (158°C, 168 hrs.) | ASTM D 2671 | >13 MPa |
| Elongation at Break | ASTM D 2671 | >400% |
| Elongation at Break After Aging (158°C, 168 hrs.) | ASTM D 2671 | >300% |
| Longitudinal Shrinkage | UL 224 | 0 ± 5% |
| Heat Shock | 250°C, 4 hrs. | No cracking, no dropping |
| Cold Bend (-30°C, 1 hr.) | ASTM D 2671 | No cracking |
| Breakdown Voltage | ASTM D 2671 | AC 2500V (min.) |
| Volume Resistance | ASTM D 2671 | >10 ¹⁴ Ω.cm |
| Flammability | - | Self extinguish in 30 seconds |
| Copper Corrosion (158°C, 168 hrs.) | UL 224 | Pass |
| Property of adhesive | | |
| Ring-Ball Soft Point | ASTM E 28 | 110°C ± 5°C |

Product Dimensions

| Size (mm) | As Supplied (mm) | After Recovered (mm) | | | Standard Packaging | |
|-----------|------------------------|------------------------|-----------------------|---------------------------|--------------------------------------|-----|
| | Inside Diameter (min.) | Inside Diameter (max.) | Wall Thickness (min.) | Adhesive Thickness (nom.) | Cut to Length Pcs. (QB)* Qty per bag | |
| | | | | | 6" | 48" |
| 6/1.27 | 6 | 1.27 | 1.30 | 0.56 | 20 | 5 |
| 8/1.65 | 8 | 1.65 | 1.52 | 0.76 | 16 | 5 |
| 12/2.41 | 12 | 2.41 | 1.91 | 1.02 | 14 | 5 |
| 18/4.45 | 18 | 4.45 | 2.41 | 1.37 | 12 | 5 |

Notes:

1. * See page 12 - Part Number Guide for standard packaging codes.
2. Cross Reference Guide located on page 3.
3. Special sizes, packaging, colors and cut pieces are available upon request.
4. Halogen free heat-shrinkable adhesive-lined tubing is available upon request.