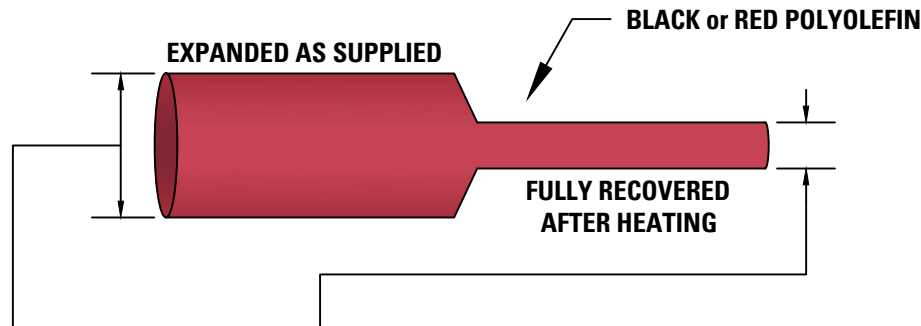


Heat shrink sleeving is perfect for insulating and protecting your wire or cable connection. This is a dual wall heat shrink tubing that is comprised of a thin-wall polyolefin tubing lined with a fine thermoplastic adhesive, which bonds with many plastics, rubbers, and metals. This high quality heat shrink tubing has a high shrink ratio of 3 to 1, which allows for coverage of irregularly-shaped connectors and components. The sleeving is flexible, permanent, and water-resistant, which makes it perfect for protecting wire connections or harnesses in any kind of automotive or marine application that will have to withstand an outdoor environment.

- Type: Dual Wall, Polyolefin Adhesive-Lined Heat Shrink (3:1) Sleeving
- Sleeving Material: Crosslinked Polyolefin, Black or Red
- Shrink Ratio: 3 to 1
- Shrink Temperature: 120°C (248°F)
- Temperature Rating: -55°C (-67°F) to 110°C (230°F)
 - Passes FMVSS 302 Flammability Test; Flame Retardant Outer Wall *per ASTM D2671*
 - Heat Resistant Properties (168 hr at 175°C): No Cracking or Flowing of Outer Wall *per SAE-AMS-DTL-23053/4*
 - Heat Shock (4 hr at 250°C): No Cracking or Flowing of Outer Wall *per ASTM D2671*
- Voltage Rating: 1,000 V at 90°C
- Mechanical Properties:
 - Tensile Strength, Minimum: 2,200 psi (15.0 N/mm²) *per ASTM D2671, ISO 37*
 - Elongation, Minimum: 400% *per ASTM D2671, ISO 37*
 - Specific Gravity, Maximum: 1.1 *per ASTM D792, ISO R1183*
- Electrical Properties:
 - Dielectric Strength, Minimum: 600 V/mil (24 kV/mm) *per ASTM D2671*
 - Volume Resistivity, Minimum: 1 × 10¹⁶ Ω·cm *per ASTM D2671*
- Chemical Properties:
 - Fluid Resistance: Good to Excellent *per SAE-AMS-DTL-23053/4, ISO 1817, ISO 37*
 - Water Absorption, Maximum: 0.2% *per ASTM D570*
 - Copper Corrosion: No Corrosion *per ASTM D2671*
 - Fungus Resistance: No Growth *per ASTM G21*
- Specifications Met:
 - SAE-AMS-DTL-23053/4 Class 3
 - UL 224
- REACH & RoHS Compliant
- Available in 7 diameters and 4 cut lengths (see below)



| PART NUMBER | SUPPLIED INSIDE DIAMETER, MIN. | RECOVERED INSIDE DIAMETER, MAX. | RECOVERED WALL THICKNESS, MIN. |
|-------------|--------------------------------|---------------------------------|--------------------------------|
| 1/8POAHS | 0.125" (3.18 mm) | 0.040" (1.02 mm) | 0.040" (1.02 mm) |
| 3/16POAHS | 0.188" (4.76 mm) | 0.060" (1.52 mm) | 0.040" (1.02 mm) |
| 1/4POAHS | 0.250" (6.35 mm) | 0.080" (2.03 mm) | 0.040" (1.02 mm) |
| 3/8POAHS | 0.375" (9.53 mm) | 0.125" (3.18 mm) | 0.060" (1.52 mm) |
| 1/2POAHS | 0.500" (12.70 mm) | 0.160" (4.06 mm) | 0.070" (1.78 mm) |
| 3/4POAHS | 0.750" (19.05 mm) | 0.250" (6.35 mm) | 0.070" (1.78 mm) |
| 1POAHS | 1.000" (25.40 mm) | 0.320" (8.13 mm) | 0.100" (2.54 mm) |

| AVAILABLE LENGTHS |
|------------------------------|
| 1' (0.30 m) |
| 2' (0.61 m) |
| 4' (1.22 m) |
| 8' (2.44 m) (Two 4' Lengths) |

Polyolefin Heat Shrink Sleeving

Adhesive Lined, 3:1 Data Sheet

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5/15/23 | -2 | Corrected Recovered ID mm dimensions | AG

5/1/23 | -1 | Formerly "Heat Shrink Sleeving Data Sheet": Updated to reflect expanded product line of polyolefin adhesive-lined heat shrink sleeving | AG

DATE | ISS. | REVISION | BY

Drawn by: AG 2/3/20
Drawing rev.: -2

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