

Normal Wall Tubing (2X)

Low Smoke, Halogen Free, Polyolefin, Heat Shrink



Description

Provides both commercial and military applications electrical insulation and protects in-line components, disconnect terminals and splices with its high strength and excellent resilience. Bundles wires for very flexible light-duty harnesses. Identifies or colour-codes wires, cables, terminals and components.

**RoHS
Compliant**

Specifications

Operating temperature : -55°C to +135°C
 Minimum Shrink temperature : 70°C
 Minimum Full recovery temperature : 120°C
 Shrink Ratio : 2:1
 Colours : Red and Blue
 Approvals : UL224, 125°C 600V VW-1
 Meets the AMS- DTL-23053/5 class1&3
 Resistant to common fluids and solvents

Technical Data

| Property | Test Method | Typical Data |
|---|---------------|--------------------------|
| Tensile Strength | ASTM D2671 | ≥10.4Mpa |
| Ultimate Elongation | ASTM D2671 | ≥200% |
| Longitudinal Shrinkage | UL 224 | ±5% |
| Heat Aging Tensile Strength Ultimate Elongation | 158°C, 168hrs | ≥7.3Mpa ≥100% |
| Heat shock | 250°C, 4hrs | No cracking, No dripping |
| Dielectric Strength | ASTM D150 | ≥15kV/mm |
| Volume Resistivity | ASTM D2671 | ≥1x10 ¹⁴ Ω·Cm |
| Copper Stability | UL224 | Pass |
| Copper Corrosion | UL224 | No corrosion |

Product Dimensions

| Part Number | Size | | As supplied | After Recovery | |
|-------------|------|-----|------------------------|------------------------|---------------------|
| | Inch | mm | Internal Diameter (mm) | Internal Diameter (mm) | Wall Thickness (mm) |
| PP001898 | 1/16 | 1.6 | 1.5 ±0.2 | 0.65 | 0.28 ±0.1 |
| PP001907 | | | | | |
| PP001899 | 3/32 | 2.4 | 2.5 ±0.2 | 1 | 0.35 ±0.1 |
| PP001908 | | | | | |
| PP001900 | 1/8 | 3.2 | 3.5 ±0.2 | 1.5 | 0.4 ±0.1 |
| PP001909 | | | | | |

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| Part Number | Size | | As supplied | After Recovery | |
|-------------|------|------|------------------------|------------------------|---------------------|
| | Inch | mm | Internal Diameter (mm) | Internal Diameter (mm) | Wall Thickness (mm) |
| PP001901 | 3/16 | 4.8 | 5 ±0.2 | 2.3 | 0.5 ±0.1 |
| PP001910 | | | | | |
| PP001902 | 1/4 | 6.4 | 6.5 ±0.2 | 3 | 0.55 ±0.1 |
| PP001911 | | | | | |
| PP001903 | 3/8 | 9.5 | 9.5 ±0.3 | 4.5 | 0.6 ±0.1 |
| PP001912 | | | | | |
| PP001904 | 1/2 | 12.7 | 12.5 ±0.3 | 6 | 0.6 ±0.1 |
| PP001913 | | | | | |
| PP001905 | 3/4 | 19 | 19 ±0.5 | 9 | 0.8 ±0.15 |
| PP001914 | | | | | |
| PP001906 | 1 | 25.4 | 26 ±0.5 | 12.5 | 0.9 ±0.15 |
| PP001915 | | | | | |

Part Number Table

| Description | Part Number |
|---|-------------|
| Tubing, Heat Shrink, 2:1, Boxed, 1.6mm, Red, 20m | PP001898 |
| Tubing, Heat Shrink, 2:1, Boxed, 2.4mm, Red, 15m | PP001899 |
| Tubing, Heat Shrink, 2:1, Boxed, 3.2mm, Red, 15m | PP001900 |
| Tubing, Heat Shrink, 2:1, Boxed, 4.8mm, Red, 12m | PP001901 |
| Tubing, Heat Shrink, 2:1, Boxed, 6.4mm, Red, 12m | PP001902 |
| Tubing, Heat Shrink, 2:1, Boxed, 9.5mm, Red, 8m | PP001903 |
| Tubing, Heat Shrink, 2:1, Boxed, 12.7mm, Red, 8m | PP001904 |
| Tubing, Heat Shrink, 2:1, Boxed, 19mm, Red, 5m | PP001905 |
| Tubing, Heat Shrink, 2:1, Boxed, 25.4mm, Red, 5m | PP001906 |
| Tubing, Heat Shrink, 2:1, Boxed, 1.6mm, Blue, 20m | PP001907 |
| Tubing, Heat Shrink, 2:1, Boxed, 2.4mm, Blue, 15m | PP001908 |
| Tubing, Heat Shrink, 2:1, Boxed, 3.2mm, Blue, 15m | PP001909 |
| Tubing, Heat Shrink, 2:1, Boxed, 4.8mm, Blue, 12m | PP001910 |
| Tubing, Heat Shrink, 2:1, Boxed, 6.4mm, Blue, 12m | PP001911 |
| Tubing, Heat Shrink, 2:1, Boxed, 9.5mm, Blue, 8m | PP001912 |
| Tubing, Heat Shrink, 2:1, Boxed, 12.7mm, Blue, 8m | PP001913 |
| Tubing, Heat Shrink, 2:1, Boxed, 19mm, Blue, 5m | PP001914 |
| Tubing, Heat Shrink, 2:1, Boxed, 25.4mm, Blue, 5m | PP001915 |

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