

Normal Wall Tubing (2X)

Environment Friendly, Flexible, Highly Flame Retardant, Polyolefin, Heat Shrink

pro-POWER

RoHS
Compliant



Application

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-code wires, cables, terminals and components.

Specifications

Operating Temperature : -55°C to +135°C
Min. Shrink Temperature : 70°C
Min. Full Recovery Temperature : 120°C
Shrink Ratio : 2:1
Colours : Black and Natural
Resistant to common fluids and solvents
Approvals: UL224, 125°C 600V VW-1
Meets the AMS- DTL-23053/5 class1&3

Technical Data

| Property | Test Method | Typical Data |
|---|-----------------|--------------------------|
| Tensile Strength | ASTM D 2671 | ≥10.4MPa |
| Ultimate Elongation | ASTM D 2671 | ≥200% |
| Longitudinal Shrinkage | UL 224 | ±5% |
| Heat Aging Tensile Strength Ultimate Elongation | 158°C, 168 hour | ≥7.3MPa ≥100% |
| Flammability | UL224 VW-1 | Pass |
| Heat shock (250°C, 4hrs) | ASTM D 2671 | No cracking |
| Cold bend tests (-55°C, 4hrs) | ASTM D 2671 | No cracking |
| Dielectric Strength (kV/mm) | ASTM D 150 | ≥15kV/mm |
| Volume Resistivity | ASTM D 876 | ≥1×10 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 Max. (mm) | Wall Thickness Nom. (mm) |
| PP001929 | 1/16 | 1.5 | 2 ±0.2 | 0.85 | 0.36 ±0.1 |
| PP001930 | | | | | |
| PP001941 | | | | | |
| PP001942 | | | | | |

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| Part Number | Size | | As Supplied | After Recovery | |
|-------------|------|-----|------------------------|-----------------------------|--------------------------|
| | Inch | mm | Internal Diameter (mm) | Internal Diameter Max. (mm) | Wall Thickness Nom. (mm) |
| PP001931 | 3/32 | 2 | 2.5 ±0.2 | 1 | 0.45 ±0.1 |
| PP001932 | | | | | |
| PP001943 | | | | | |
| PP001944 | | | | | |
| PP001933 | 1/8 | 3.5 | 4 ±0.2 | 1.8 | 0.45 ±0.1 |
| PP001934 | | | | | |
| PP001945 | | | | | |
| PP001946 | | | | | |
| PP001935 | 1/4 | 6 | 6.5 ±0.2 | 3 | 0.56 ±0.1 |
| PP001936 | | | | | |
| PP001947 | | | | | |
| PP001948 | | | | | |
| PP001937 | 3/8 | 10 | 10.5 ±0.3 | 5 | 0.56 ±0.1 |
| PP001938 | | | | | |
| PP001949 | | | | | |
| PP001950 | | | | | |
| PP001939 | 3/4 | 18 | 19 ±0.5 | 9 | 0.7 ±0.1 |
| PP001940 | | | | | |
| PP001951 | | | | | |
| PP001952 | | | | | |

Part Number Table

| Description | Part Number |
|---|-------------|
| Tubing, Heat Shrink, 2:1, MIL Spec., 1.5mm, Black, 100m | PP001929 |
| Tubing, Heat Shrink, 2:1, MIL Spec., 1.5mm, Black, 10m | PP001930 |
| Tubing, Heat Shrink, 2:1, MIL Spec., 2mm, Black, 100m | PP001931 |
| Tubing, Heat Shrink, 2:1, MIL Spec., 2mm, Black, 10m | PP001932 |
| Tubing, Heat Shrink, 2:1, MIL Spec., 3.5mm, Black, 100m | PP001933 |
| Tubing, Heat Shrink, 2:1, MIL Spec., 3.5mm, Black, 10m | PP001934 |
| Tubing, Heat Shrink, 2:1, MIL Spec., 6mm, Black, 100m | PP001935 |
| Tubing, Heat Shrink, 2:1, MIL Spec., 6mm, Black, 10m | PP001936 |
| Tubing, Heat Shrink, 2:1, MIL Spec., 10mm, Black, 50m | PP001937 |
| Tubing, Heat Shrink, 2:1, MIL Spec., 10mm, Black, 10m | PP001938 |
| Tubing, Heat Shrink, 2:1, MIL Spec., 18mm, Black, 25m | PP001939 |
| Tubing, Heat Shrink, 2:1, MIL Spec., 18mm, Black, 5m | PP001940 |

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| Description | Part Number |
|---|-------------|
| Tubing, Heat Shrink, 2:1, MIL Spec., 1.5mm, Natural, 100m | PP001941 |
| Tubing, Heat Shrink, 2:1, MIL Spec., 1.5mm, Natural, 10m | PP001942 |
| Tubing, Heat Shrink, 2:1, MIL Spec., 2mm, Natural, 100m | PP001943 |
| Tubing, Heat Shrink, 2:1, MIL Spec., 2mm, Natural, 10m | PP001944 |
| Tubing, Heat Shrink, 2:1, MIL Spec., 3.5mm, Natural, 100m | PP001945 |
| Tubing, Heat Shrink, 2:1, MIL Spec., 3.5mm, Natural, 10m | PP001946 |
| Tubing, Heat Shrink, 2:1, MIL Spec., 6mm, Natural, 100m | PP001947 |
| Tubing, Heat Shrink, 2:1, MIL Spec., 6mm, Natural, 10m | PP001948 |
| Tubing, Heat Shrink, 2:1, MIL Spec., 10mm, Natural, 50m | PP001949 |
| Tubing, Heat Shrink, 2:1, MIL Spec., 10mm, Natural, 10m | PP001950 |
| Tubing, Heat Shrink, 2:1, MIL Spec., 18mm, Natural, 25m | PP001951 |
| Tubing, Heat Shrink, 2:1, MIL Spec., 18mm, Natural, 5m | PP001952 |

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