Article Number: 309-60285


Heat Shrink Tubing, Mini Reel, 2:1 Shrink Ratio, 3/32", 2.4/1.2 Dia, PO, Red, $100 \mathrm{ft} /$ reel

| Base Data |  |  |
| :---: | :---: | :---: |
|  | Local Order Number | 309-60285 |
|  | Type | TFN21-2.4/1.2 |
|  | Color | Red (RD) |
|  | Features and Benefits | - Thin, 2 to 1 shrink ratio tubing provides insulation and abrasion protection for wires and cables. <br> - Flammability rating of UL224 VW-1 for use in applications requiring the highest degree of flame protection (excludes clear tubing). <br> - Flexible-yet-durable material resists most common oils, chemicals and fluids. <br> - Available in a variety of diameters and colors for identifying and marking wires and cables. <br> - Available in mini reels, bulk reels, and sticks for small to large volume applications. |
|  | Quantity Per | reel |
|  | Product Description | TFN21 is a highly flexible thin wall heat shrink tubing with a 2 to 1 shrink ratio and excellent flame retardant properties. In addition to providing insulation and abrasion protection for wires and cables, the polyolefin material also offers resistance to oils, solvents and chemicals. Available in mini reels, bulk reels and sticks, for small to large volume applications. |
|  | Short Description | Heat Shrink Tubing, Mini Reel, 2:1 Shrink Ratio, 3/32", 2.4/1.2 Dia, PO, Red, 100 ft /reel |
| Product Dimensions |  |  |
|  | Length L2 (Imperial) | 100.0ft |
|  | Length L2 (Metric) | 30.5m |
|  | Printable (Yes/No) | Yes |
|  | Shrink Ratio | 2:1 |
|  | Trade Size | 3/32 " |
|  | Variant | Thin-Wall |
|  | Volume Resistance ( Ohm cm ) | $10^{14} \Omega \mathrm{~cm}$ |
|  | Nominal Diameter (Imperial) | 3/32" |
|  | Nominal Diameter (Metric) | 2.4 mm |
|  | Wall Thickness WT (Imperial) | .019" |
|  | Wall Thickness WT (Metric) | 0.48 mm |


| Product Dimensions | Recovered Diameter d (metric) | 1.2 mm |
| :---: | :---: | :---: |
|  | Recovered Diameter d (imperial) | 0.047" |
|  | Supplied Diameter D (imperial) | 0.094" |
|  | Supplied Diameter D (metric) | 2.4 mm |
| Material and Specifications |  |  |
|  | Material | Polyolefin, cross-linked (PO-X) |
|  | Material Shortcut | PO-X |
|  | Dielectric Strength (Metric) | $20 \mathrm{kV} / \mathrm{mm}$ |
|  | Elongation at break | 6 |
|  | Flammability | UL 224 VW-1 |
|  | Halogenfree | No |
|  | Shrink Temperature | $+158{ }^{\circ} \mathrm{F}\left(+70^{\circ} \mathrm{C}\right)$ |
|  | Operating Temperature | $-67^{\circ} \mathrm{F}$ to $+275^{\circ} \mathrm{F}\left(-55^{\circ} \mathrm{C}\right.$ to $\left.+135^{\circ} \mathrm{C}\right)$ |
|  | ROHS Compliant | Yes |
|  | Certification/Specification | UL \| ANSI/UL 224 |
|  | UL Recognized (US) | Yes |
| Logistic and Packaging |  |  |
|  | Package Quantity (Imperial) | 100ft |
|  | Package Quantity (Metric) | 30 m |
|  | Customs Number(Schedule B) | 3926909987 |

