



309-65130



Article Number: 309-65130

Heat Shrink Tubing, Mini Reel, 2:1, 3/16", 4.8/2.4 dia., Polyolefin, Clear, 50 ft/reel

 RoHS

Base Data

Local Order Number	309-65130
Type	TFN21-4.8/2.4 CL
Color	Clear (CL)
Features and Benefits	<ul style="list-style-type: none"><li>• Thin, 2 to 1 shrink ratio tubing provides insulation and abrasion protection for wires and cables.</li><li>• Flammability rating of UL224 VW-1 for use in applications requiring the highest degree of flame protection (excludes clear tubing).</li><li>• Flexible-yet-durable material resists most common oils, chemicals and fluids.</li><li>• Available in a variety of diameters and colors for identifying and marking wires and cables.</li><li>• Available in mini reels, bulk reels, and sticks for small to large volume applications.</li></ul>
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.
Printable (Yes/No)	Yes
Shrink Ratio	2:1
Variant	Thin-Wall
Short Description	Heat Shrink Tubing, Mini Reel, 2:1, 3/16", 4.8/2.4 dia., Polyolefin, Clear, 50 ft/reel
With inner glue (Yes/No) ETIM	No

Product Dimensions

Length L (imperial)	50.0 ft
Length L (metric)	15.2 m
Wall Thickness WT (imperial)	0.019 "
Wall Thickness WT (metric)	.48 mm
Recovered Diameter D (metric)	2.4 mm
Recovered Diameter D (imperial)	0.094 "
Supplied Diameter D (imperial)	0.188 "
Supplied Diameter D (metric)	4.8 mm

Logistics and Packaging

Quantity per	reel
Package Quantity (imperial)	50
Reel Length (metric)	300 m

Material and Specifications

Material	Polyolefin, cross-linked (PO-X)
Material Shortcut	PO-X

<b>Dielectric Strength (metric)</b>	20 kV/mm
<b>Elongation at break</b>	600%
<b>Flammability</b>	UL224 VW-1
<b>Halogenfree</b>	No
<b>Shrink Temperature</b>	+212 °F (+100 °C)
<b>Operating Temperature</b>	-67 °F to +275 °F (-55 °C to +135 °C)
<b>ROHS Conformity</b>	Yes
<b>Certification / Specification</b>	UL224 125 °C 600V VW-1 CSA
<b>Tensile Strength (MPa)</b>	14 MPa
<b>UL Recognized (US)</b>	Yes
<b>Volume Resistance (Ohm cm)</b>	10 <sup>11</sup> Ω cm