


321-50010



Article Number: 321-50010

Heat Shrink Tubing, 4FT Stick, Thick Wall Adhesive Lined, Up to 3.5:1, 1/2", 13/4 dia, Polyolefin, Black, 6/pkg

 RoHS

 Download spec sheet

Base Data

Local Order Number	321-50010
Type	TREDUX HA47-48ST-13/4
Color	Black (BK)
Features and Benefits	<ul style="list-style-type: none"><li>• Tubing is 3.5:1, thick wall adhesive lined.</li><li>• Toughness and weatherability is ideal for low and medium voltage power applications.</li><li>• Available in 3.28' (1.0 m) lengths, multiple diameters and 1 color (black).</li><li>• Conveniently packed in a display carton.</li></ul>
Product Description	TREDUX HA47 thick wall heat shrink tubing has a adhesive liner that provides good moisture sealing and weather protection suitable for insulation and protection of low and medium voltage power applications. HA47 is tough and the weatherability makes it suitable for exposed applications and underground cable joints. Polyolefin material is pre-cut into 3.28' (1.0m) sticks and stored in a convenient display box. RoHS approved and Halogen free.
Short Description	Heat Shrink Tubing, 4FT Stick, Thick Wall Adhesive Lined, Up to 3.5:1, 1/2", 13/4 dia, Polyolefin, Black, 6/pkg

Product Dimensions

Length L (Imperial)	4.0 ft
Length L (Metric)	1.0 m
Printable (Yes/No)	No
Shrink Ratio	up to 3.5:1
Tensile Strength (MPa)	14 MPa
Trade Size	1/2 "
Variant	Thick-Wall
Voltage Range	Low and Medium Voltage
Volume Resistance (Ohm cm)	10 <sup>11</sup> Ω cm
Nominal Diameter (Imperial)	1/2 "
Nominal Diameter (Metric)	13 mm
Wall Thickness WT (Imperial)	0.094 "
Wall Thickness WT (Metric)	2.4 mm
Recovered Diameter d (metric)	4.0 mm
Recovered Diameter d (imperial)	0.157 "
Supplied Diameter D (imperial)	0.512 "
Supplied Diameter D (metric)	13.0 mm

Logistics and Packaging

Quantity Per	pieces
Package Quantity (Metric)	6 Pieces

**Weight (Metric)** 0.45 kg  
**Weight (imperial)** 1

## Material and Specifications

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<b>Material</b>	Polyolefin, cross-linked (PO-X)
<b>Material Shortcut</b>	PO-X
<b>Adhesive</b>	Hot melt adhesive
<b>Dielectric Strength (Metric)</b>	20 kV/mm
<b>Elongation at break</b>	400%
<b>Flammability</b>	UL224 VW-1
<b>Halogenfree</b>	Yes
<b>Shrink Temperature</b>	+248 °F (+120 °C)
<b>Operating Temperature</b>	-67°F to +230°F (-55°C to +110°C)
<b>ROHS Compliant</b>	Yes
<b>UL Listed (US)</b>	No
<b>UL Recognized (US)</b>	No