

## Specification Sheet

Part Number: 321-50013



Heat Shrink Tubing, 4' Long Stick, Thick Wall Adhesive Lined, Up to 3.5:1, 1.75", 45/12 dia, PO, Black, 4/pkg

Article Number	321-50013
Type	TREDUX HA47-48ST-45/12
Color	Black (BK)
Features & 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>
Quantity Per	pcs.

### Product Description

HA47 is a thick wall adhesive lined heat shrink tubing for use in low and medium voltage applications. The adhesive lining provides excellent moisture sealing and weather protection, making it suitable for above and below ground applications. Made of a polyolefin outer material, this tubing has a shrink ratio up to 3.5 to 1. The adhesive lining begins to activate as the temperature approaches 185° F (85° C).

**Short Description**

Heat Shrink Tubing, 4' Long Stick, Thick Wall Adhesive Lined, Up to 3.5:1, 1.75", 45/12 dia, PO, Black, 4/pkg

**Global Part Name**

TREDUX HA47-48ST-45/12-PO-X-BK

**Length L (Imperial)**

4.0

**Length L (Metric)**

1.0

**Voltage Range**

Low and Medium Voltage

**Variant**

Thick-Wall

**Nominal Diameter (Imperial)**

1-3/4

**Nominal Diameter (Metric)**

45

**Wall Thickness WT (Imperial)**

.161

**Wall Thickness WT (Metric)**

4.1

**Material**

Polyolefin, cross-linked (PO-X)

**Material Shortcut**

PO-X

**Adhesive**

Hot melt adhesive

**Flammability**

Not Flame Retardant

**Halogen free**

Yes

**Operating Temperature (Metric)**

-67°F to +230°F (-55°C to +110°C)

**Reach Complaint(Article 33)**

Yes

**ROHS Complaint**

Yes

**Package Quantity(Imperial)**

4

**Package Quantity (Metric)**

4

**Customs Number**

3926909987

**Weight (Metric)**

0.95

**Weight (Imperial)**

2.1