

## Specification Sheet

Part Number: 318-60154



Heat Shrink Tubing, 4' Long Stick, Adhesive Lined, 3:1 Shrink Ratio, 1/2", 12.0/4.0 Dia, PO, Black, 10/pkg

Article Number	318-60154
Type	TAN33-ST-12/4 BK
Color	Black (BK)
Features & Benefits	<ul style="list-style-type: none"><li>• Adhesive lining provides an excellent seal against moisture and humidity.</li><li>• Thin exterior wall is very flexible, while providing superior insulation of cables and components.</li><li>• 3 to 1 shrink ratio accommodates a wide range of component shapes and diameters.</li><li>• Meets UL224 VW-1 specifications, making it ideal for high heat applications (excludes clear tubing).</li><li>• Polyolefin material provides mechanical strength with good resistance to solvents, oils and fuels.</li><li>• 4-foot sticks are individually tagged and come in a retail box.</li></ul>
Quantity Per	pack

**Product Description**

TAN33 is a flexible, thin wall adhesive-lined heat shrink tubing with highly flame retardant properties. The 3 to 1 shrink ratio accommodates a wide range of component shapes and diameters. The adhesive lining begins to activate as the temperature reaches 176° F (80° C), to create a strong seal against moisture and humidity.

**Short Description**

Heat Shrink Tubing, 4' Long Stick, Adhesive Lined, 3:1 Shrink Ratio, 1/2", 12.0/4.0 Dia, PO, Black, 10/pkg

**Global Part Name**

TAN33-ST-12/4 BK-PO-X-BK

**Length L (Imperial)**

4.0

**Length L (Metric)**

1.22

**Variant**

Thin-Wall

**Nominal Diameter (Imperial)**

1/2

**Nominal Diameter (Metric)**

12

**Wall Thickness WT (Imperial)**

.063

**Wall Thickness WT (Metric)**

1.60

**Material**

Polyolefin, cross-linked (PO-X)

**Material Shortcut**

PO-X

**Adhesive**

Hot melt adhesive

**Halogen free** No

**Operating Temperature (Metric)** -67°F to +257°F (-55°C to +125°C)

**Reach Complaint(Article 33)** Yes

**ROHS Complaint** Yes

**UL Recognized (US)** Yes

**UL Recognized (US and Canada)** Yes

**Package Quantity(Imperial)** 10

**Package Quantity (Metric)** 10

**Customs Number** 3926909987