

318-60154



Article Number: 318-60154

Heat Shrink Tubing, 4FT-Stick, Adhesive Lined, 3:1, 1/2", 12.0/4.0 dia., Polyolefin, Black, 10/pkg



Download spec sheet

## Base Data

**Local Order Number** 318-60154

**Type** TAN33-ST-12/4 BK

**Color** Black (BK)

- Features and Benefits**
- Adhesive lining provides an excellent seal against moisture and humidity.
  - 3 to 1 shrink ratio accommodates a wide range of component shapes and diameters, while thin exterior wall is very flexible and provides superior insulation.
  - Meets UL224 VW-1 specifications making it ideal high heat applications (excludes clear tubing).
  - Polyolefin material provides mechanical strength with good resistance to solvents, oils and fuels.

**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. 4-foot sticks are individually labeled for retail.

**Short Description** Heat Shrink Tubing, 4FT-Stick, Adhesive Lined, 3:1, 1/2", 12.0/4.0 dia., Polyolefin, Black, 10/pkg

## Product Dimensions

**Length L (Imperial)** 4.0 ft

**Length L (Metric)** 1.22 m

**Printable (Yes/No)** No

**Shrink Ratio** 3:1

**Tensile Strength (MPa)** 12 MPa

**Trade Size** 1/2 "

**Variant** Thin-Wall

**Volume Resistance (Ohm cm)** 10<sup>11</sup> Ω cm

**Nominal Diameter (Imperial)** 1/2 "

**Nominal Diameter (Metric)** 12 mm

**Wall Thickness WT (Imperial)** 0.063 "

**Wall Thickness WT (Metric)** 1.60 mm

**Recovered Diameter d (metric)** 4.0 mm

**Recovered Diameter d (imperial)** 0.158 "

**Supplied Diameter D (imperial)** 0.472 "

**Supplied Diameter D (metric)** 12.0 mm

## Logistics and Packaging

**Quantity Per** pack

**Package Quantity** 10

## Material and Specifications

---

<b>Material</b>	Polyolefin, cross-linked (PO-X)
<b>Material Shortcut</b>	PO-X
<b>Elongation at break</b>	400%
<b>Halogenfree</b>	No
<b>Shrink Temperature</b>	+212 °F (+100 °C)
<b>Operating Temperature</b>	-67°F to +257°F (-55°C to +125°C)
<b>ROHS Compliant</b>	Yes
<b>UL Recognized (US)</b>	Yes