## **HellermannTyton**

## **Specification Sheet**

Part Number: 318-60153



Heat Shrink Tubing, 4' Long Stick, Adhesive Lined, 3:1 Shrink Ratio, 3/8", 9.0/3.0 Dia, PO, Black, 15/pkg

Article Number 318-60153

Type TAN33-ST-9/3 BK

Color Black (BK)

**Features & Benefits** 

Adhesive lining provides an excellent seal against moisture and humidity.
Thin exterior wall is very flexible, while providing superior insulation of cables and components.
3 to 1 shrink ratio accommodates a wide range of component shapes and diameters.
Meets UL224 VW-1 specifications, making it ideal for high heat applications (excludes clear tubing).
Polyolefin material provides mechanical strength with good resistance to solvents, oils and fuels.
4-foot sticks are individually tagged and come in a retail box.

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, 3/8", 9.0/3.0 Dia, PO, Black, 15/pkg
Global Part Name	TAN33-ST-9/3 BK-PO-X-BK
Length L (Imperial)	4.0
Length L (Metric)	1.22
Variant	Thin-Wall
Nominal Diameter (Imperial)	0.38
Nominal Diameter (Metric)	9
Wall Thickness WT (Imperial)	.056
Wall Thickness WT (Metric)	1.40

Material Polyolefin, cross-linked (PO-X)

Material Shortcut PO-X

**Adhesive** Hot melt adhesive

Flammability UL 224 VW-1

Halogen free No

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

Reach Complaint(Article 33) Yes

ROHS Complaint Yes

Certification/Specification WEB CSA

UL Recognized (US) Yes

UL Recognized (US and Canada) Yes

Package Quantity(Imperial) 15

Package Quantity (Metric) 15

**Customs Number** 3926909988