

Specification Sheet

Part Number: 318-60154

Adhesive lining provides an excellent seal against moisture and humidity.

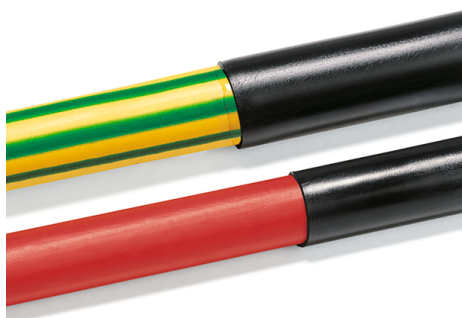
Thin exterior wall is very flexible, while providing superior insulation of cables and components.

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.



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)
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)	0.5
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

Flammability	UL 224 VW-1
Halogen Free	No
UV Resistant (Yes/No)	No
Operating Temperature	-67°F to +257°F (-55°C to +125°C)
Reach Compliant (Article 33)	Yes
ROHS Compliant	Yes
Certification/Specification	CSA
UL Recognized (US)	Yes
UL Recognized (US and Canada)	Yes
Package Quantity (Imperial)	10
Package Quantity (Metric)	10
Customs Number	3926909988

About HellermannTyton

HellermannTyton is a global manufacturer of cable management and identification solutions for automotive, solar, electrical, construction, industrial automation, broadband and other OEM markets. The company's integrated approach to product design, sustainability, production, quality assurance and delivery is optimized to benefit local and global customers. HellermannTyton operates in 40 countries, with North American headquarters in Milwaukee, Wisconsin. (www.hellermann.tyton.com).

