

# Routing, Protection and Insulation

## Heat Shrink Tubing

### Adhesive Lined Thin Wall

#### TAN33 Sticks Adhesive-Lined Thin Wall

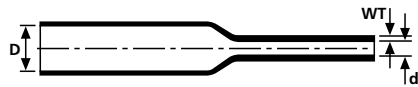
TAN33 is a flexible, thin wall adhesive-lined heat shrink tubing with highly flame retardant properties. The 3 to 1 shrink ratio accommodates a wide range of component shapes and diameters. The adhesive lining begins to activate as the temperature reaches 176° F (80° C), to create a strong seal against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

#### Features and 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.
- For applications up to 600 volts.



<b>MATERIAL</b>	Polyolefin, cross-linked (PO-X)
<b>Shrink Ratio</b>	3:1
<b>Longitudinal Change After Shrinkage</b>	10 % max.
<b>Min. Shrink Temperature</b>	+230 °F (+110 °C)
<b>Softening Point Adhesive</b>	+176°F (+80°C)
<b>Operating Temperature</b>	-67°F to +257°F (-55°C to +125°C)
<b>Flammability</b>	UL 224 VW-1



PART NO.	TYPE	Trade Size	Supplied Ø (D) in. (mm)	Recovered Ø (d) in. (mm)	Wall Thickness (WT) in. (mm)	Color	Pkg. Qty.
318-60150*	TAN33-ST-3/1 BK	1/8	0.11 (3.0)	0.039 (1.0)	0.039 (1.00)	Black	20
318-60151*	TAN33-ST-4.8/1.5 BK	3/16	0.19 (4.8)	0.059 (1.5)	0.039 (1.00)	Black	20
318-60152*	TAN33-ST-6/2 BK	1/4	0.24 (6.0)	0.079 (2.0)	0.039 (1.00)	Black	15
318-60153*	TAN33-ST-9/3 BK	3/8	0.35 (9.0)	0.112 (3.0)	0.056 (1.40)	Black	15
318-60154*	TAN33-ST-12/4 BK	1/2	0.47 (12.0)	0.158 (4.0)	0.063 (1.60)	Black	10
318-60155*	TAN33-ST-19/6 BK	3/4	0.75 (19.0)	0.236 (6.0)	0.085 (2.15)	Black	15
318-60156*	TAN33-ST-24/8 BK	1	0.95 (24.0)	0.315 (8.0)	0.094 (2.40)	Black	10
318-60158*	TAN33-ST-40/13 BK	1-1/2	1.58 (40.0)	0.512 (13.0)	0.094 (2.40)	Black	6

Dimensions are approximate and subject to technical changes. Use Part No. for ordering and Type for specification purposes.  
 \*This product meets UL standards. Please see appendix for specific file numbers.



Please note! Not all products listed on this page may have this approval. Please check our website for latest approvals.