

### Non-Adhesive 3 to 1 Shrink Ratio

#### TFN31 Sticks Non-Adhesive Thin Wall

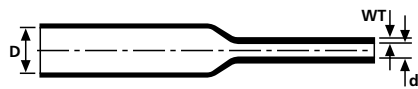
TFN31 heat shrink tubing has a flexible, thin wall and a 3 to 1 shrink ratio to accommodate a variety of component shapes and diameters. Made of a highly flame retardant material, this tubing offers abrasion and insulation protection for wires and cables. The polyolefin material also offers good resistance to solvents, oils and fuels.

#### Features and Benefits

- Thin wall 3 to 1 shrink material is extremely flexible and accommodates a wide range of component shapes and diameters.
- Meets UL224 VW-1 specifications, making it ideal for high heat applications.
- Polyolefin material provides excellent insulation and mechanical strength with good resistance to solvents, oils and fuels.
- 4-foot sticks are individually tagged for retail.
- For use in 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>	+/-5 %
<b>Min. Shrink Temperature</b>	+212 °F (+100 °C)
<b>Operating Temperature</b>	-67°F to +275°F (-55°C to +135°C)
<b>Dielectric Strength</b>	>20 kV/mm
<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.
333-41507*	TFN31-ST-1.5/0.5	1/16	0.063 (1.5)	0.020 (0.5)	0.018 (0.5)	Black	20
333-41508*	TFN31-ST-3/1	1/8	0.125 (3.2)	0.063 (1.0)	0.022 (0.6)	Black	20
333-41509*	TFN31-ST-4.5/1.5	3/16	0.188 (4.8)	0.059 (1.5)	0.024 (0.6)	Black	20
333-41510*	TFN31-ST-6/2	1/4	0.250 (6.4)	0.079 (2.0)	0.026 (0.7)	Black	15
333-41511*	TFN31-ST-9/3	3/8	0.375 (9.5)	0.118 (3.0)	0.029 (0.8)	Black	15
333-41512*	TFN31-ST-12/4	1/2	0.500 (12.7)	0.157 (4.0)	0.031 (0.8)	Black	10
333-41513*	TFN31-ST-18/6	3/4	0.750 (19.1)	0.236 (6.0)	0.035 (0.9)	Black	5
333-41514*	TFN31-ST-24/8	1	1.000 (25.4)	0.315 (8.0)	0.047 (1.2)	Black	5

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.