

Article Number: 333-41505

Heat Shrink Tubing, Bulk Reel, 3:1, 1",25.4/8.0 dia., Polyolefin, Black, 200 ft/reel



Base Data

Local Order Number	333-41505
Type	TFN31-24/8 BK
Color	Black (BK)
Features and Benefits	<ul style="list-style-type: none"><li>• Thin wall, flexible 3 to 1 shrink ratio material accommodates a wide range of component shapes and diameters.</li><li>• Meets UL224 VW-1 specifications, making it ideal for high heat applications (excludes clear tubing).</li><li>• Polyolefin material provides excellent insulation and mechanical strength with good resistance to solvents, oils and fuels.</li><li>• Available in bulk reels, sticks and convenience bags (HIS-3 bags), for small to large volume applications.</li></ul>
Product Description	TFN31 series heat shrink tubing features a flexible, thin wall and highly flame retardant polyolefin material with a higher operating temperature range than general-use heat shrink tubing. and offers good resistance to solvents, oils and fuels. The 3 to 1 shrink ratio accommodates a variety of component shapes and sizes. TFN31 tubing is available in bulk reels, sticks and convenience bags (HIS-3 bags), for projects of all sizes.
Shrink Ratio	3:1
Variant	Thin-Wall
Short Description	Heat Shrink Tubing, Bulk Reel, 3:1, 1",25.4/8.0 dia., Polyolefin, Black, 200 ft/reel
With inner glue (Yes/No) ETIM	No

Product Dimensions

Length L (imperial)	200.0 ft
Length L (metric)	61.0 m
Wall Thickness WT (imperial)	0.047 "
Wall Thickness WT (metric)	1.20 mm
Recovered Diameter D (metric)	8.0 mm
Recovered Diameter D (imperial)	0.5 "
Supplied Diameter D (imperial)	1.0 "
Supplied Diameter D (metric)	25.4 mm

Logistics and Packaging

Quantity per	reel
Package Quantity (imperial)	200
Reel Length (metric)	60 m
Trade Size	1

Material and Specifications

Material	Polyolefin, cross-linked (PO-X)
Material Shortcut	PO-X

<b>Dielectric Strength (metric)</b>	20 kV/mm
<b>Elongation at break</b>	600%
<b>Flammability</b>	UL224 VW-1
<b>Halogenfree</b>	No
<b>Shrink Temperature</b>	+212 °F (+100 °C)
<b>Operating Temperature</b>	-67 °F to +275 °F (-55 °C to +135 °C)
<b>ROHS Conformity</b>	Yes
<b>Certification / Specification</b>	CSA UL224 125 °C 600V VW-1
<b>Tensile Strength (MPa)</b>	14 MPa
<b>UL Recognized (US)</b>	Yes
<b>Volume Resistance (Ohm cm)</b>	10 <sup>11</sup> Ω cm