


333-41512



Article Number: 333-41512

Heat Shrink Tubing, 4FT-Stick, 3:1, 1/2", 12.7/4.0 dia., Polyolefin, Black, 10/pkg

 RoHS

 Download spec sheet

Base Data

Local Order Number	333-41512
Type	TFN31-ST-12/4 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.
Short Description	Heat Shrink Tubing, 4FT-Stick, 3:1, 1/2", 12.7/4.0 dia., Polyolefin, Black, 10/pkg

Product Dimensions

Length L (Imperial)	4.0 ft
Length L (Metric)	1.22 m
Shrink Ratio	3:1
Tensile Strength (MPa)	14 MPa
Trade Size	1/2 "
Variant	Thin-Wall
Volume Resistance (Ohm cm)	10 <sup>11</sup> Ω cm
Nominal Diameter (Imperial)	1/2 "
Nominal Diameter (Metric)	12 mm
Wall Thickness WT (Imperial)	0.031 "
Wall Thickness WT (Metric)	.80 mm
Recovered Diameter d (metric)	4.0 mm
Recovered Diameter d (imperial)	0.25 "
Supplied Diameter D (metric)	12.7 mm
Supplied Diameter D (imperial)	0.5 "

Logistics and Packaging

Quantity Per lengths

Package Quantity 10

Material and Specifications

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Material	Polyolefin, cross-linked (PO-X)
Material Shortcut	PO-X
Dielectric Strength (Metric)	20 kV/mm
Elongation at break	600%
Flammability	UL224 VW-1
Halogenfree	No
Shrink Temperature	+212 °F (+100 °C)
Operating Temperature	-67°F to +275°F (-55°C to +135°C)
ROHS Compliant	Yes
Certification/Specification	UL224 125 °C 600V VW-1 CSA
UL Recognized (US)	Yes