


333-41503



Article Number: 333-41503

Heat Shrink Tubing, Bulk Reel, 3:1, 1/2", 12.7/4.0 dia., Polyolefin, Black, 300 ft/reel

 RoHS

Base Data

Local Order Number	333-41503
Type	TFN31-12/4 BK
Color	Black (BK)
Features and Benefits	<ul style="list-style-type: none">• Thin wall, flexible 3 to 1 shrink ratio material 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 excellent insulation and mechanical strength with good resistance to solvents, oils and fuels.• Available in bulk reels, sticks and convenience bags (HIS-3 bags), for small to large volume applications.
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, 1/2", 12.7/4.0 dia., Polyolefin, Black, 300 ft/reel
With inner glue (Yes/No) ETIM	No

Product Dimensions

Length L (imperial)	300.0 ft
Length L (metric)	91.4 m
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 (imperial)	0.5 "
Supplied Diameter D (metric)	12.7 mm

Logistics and Packaging

Quantity per	reel
Package Quantity (imperial)	300
Trade Size	1/2

Material and Specifications

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 Conformity	Yes
Certification / Specification	CSA UL224 125 °C 600V VW-1
Tensile Strength (MPa)	14 MPa
UL Recognized (US)	Yes
Volume Resistance (Ohm cm)	10 ¹¹ Ω cm