

Specification Sheet

Part Number: 333-41500



Heat Shrink Tubing, Bulk Reel, 3:1 Shrink Ratio, 1/8", 3.2/1.0 Dia, PO, Black, 1000 ft/reel

Article Number	333-41500
Type	TFN31 3/1
Color	Black (BK)
Features & 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.
Quantity Per	reel

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, Bulk Reel, 3:1 Shrink Ratio, 1/8", 3.2/1.0 Dia, PO, Black, 1000 ft/reel
Global Part Name	TFN31 3/1-PO-X-BK
Length L (Imperial)	1000.0
Length L (Metric)	304.8
Variant	Thin-Wall
Nominal Diameter (Imperial)	0.13
Nominal Diameter (Metric)	3
Wall Thickness WT (Imperial)	.022
Wall Thickness WT (Metric)	0.55
Material	Polyolefin, cross-linked (PO-X)
Material Shortcut	PO-X

Flammability	UL 224 VW-1
Halogen free	No
Operating Temperature (Metric)	-58°F to +275°F (-50°C to +135°C)
Reach Complaint(Article 33)	Yes
ROHS Complaint	Yes
Certification/Specification WEB	UL ANSI/UL 224 CSA C22.2 no. 198.1-06
UL Recognized (US)	Yes
UL Recognized (US and Canada)	Yes
Package Quantity(Imperial)	1000
Package Quantity (Metric)	304.8
Customs Number	3926909988