

Specification Sheet

Part Number: 333-41509



Heat Shrink Tubing, 4' Long Stick, 3:1 Shrink Ratio, 3/16", 4.8/1.5 Dia, PO, Black, 20/pkg

Article Number	333-41509
Type	TFN31-ST-4.5/1.5
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	lengths

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, 4' Long Stick, 3:1 Shrink Ratio, 3/16", 4.8/1.5 Dia, PO, Black, 20/pkg

Global Part Name

TFN31-ST-4.5/1.5-PO-X-BK

Length L (Metric)

1.22

Variant

Thin-Wall

Nominal Diameter (Imperial)

3/16

Nominal Diameter (Metric)

4.5

Wall Thickness WT (Imperial)

.024

Wall Thickness WT (Metric)

0.60

Material

Polyolefin, cross-linked (PO-X)

Material Shortcut

PO-X

Flammability

UL 224 VW-1

Halogen free

No

Operating Temperature (Metric)	-67°F to +275°F (-55°C to +135°C)
Reach Complaint(Article 33)	Yes
ROHS Complaint	Yes
Certification/Specification WEB	CSA C22.2 no. 198.1-06 UL ANSI/UL 224
UL Recognized (US)	Yes
UL Recognized (US and Canada)	Yes
Package Quantity(Imperial)	20
Package Quantity (Metric)	20
Customs Number	3926909987