

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

- 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	UL ANSI/UL 224 CSA C22.2 no. 198.1-06
UL Recognized (US)	Yes
UL Recognized (US and Canada)	Yes
Package Quantity(Imperial)	20
Package Quantity (Metric)	20
Customs Number	3926909987