

333-41509



Article Number: 333-41509

Heat Shrink Tubing, 4FT-Stick, 3:1, 3/16", 4.8/1.5 dia., Polyolefin, Black, 20/pkg



Download spec sheet

Base Data

Local Order Number 333-41509

Type TFN31-ST-4.5/1.5 BK

Color Black (BK)

- Features and 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.

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, 3/16", 4.8/1.5 dia., Polyolefin, Black, 20/pkg

Product Dimensions

Length L (Metric) 1.22 m

Printable (Yes/No) No

Shrink Ratio 3:1

Tensile Strength (MPa) 14 MPa

Trade Size 3/16 "

Variant Thin-Wall

Volume Resistance (Ohm cm) 10¹¹ Ω cm

Nominal Diameter (Imperial) 3/16 "

Nominal Diameter (Metric) 4.5 mm

Wall Thickness WT (Imperial) 0.024 "

Wall Thickness WT (Metric) .60 mm

Recovered Diameter d (metric) 1.5 mm

Recovered Diameter d (imperial) 0.094 "

Supplied Diameter D (imperial) 0.188 "

Supplied Diameter D (metric) 4.8 mm

Logistics and Packaging

Quantity Per lengths

Package Quantity 20

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 Compliant	Yes
Certification/Specification	UL224 125 °C 600V VW-1 CSA
UL Recognized (US)	Yes

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