

## Specification Sheet

Part Number: 309-60319



Heat Shrink Tubing, Bulk Reel, 2:1 Shrink Ratio, 1.25", 31.8/15.9 Dia, PO, Black, 100 ft/reel

Article Number	309-60319
Type	TFN21-31.8/16.0
Color	Black (BK)
Features & Benefits	<ul style="list-style-type: none"><li>• Thin, 2 to 1 shrink ratio tubing provides insulation and abrasion protection for wires and cables.</li><li>• Flammability rating of UL224 VW-1 for use in applications requiring the highest degree of flame protection (excludes clear tubing).</li><li>• Flexible-yet-durable material resists most common oils, chemicals and fluids.</li><li>• Available in a variety of diameters and colors for identifying and marking wires and cables.</li><li>• Available in mini reels, bulk reels, and sticks for small to large volume applications.</li></ul>
Quantity Per	reel

**Product Description**

TFN21 is a highly flexible thin wall heat shrink tubing with a 2 to 1 shrink ratio and excellent flame retardant properties. In addition to providing insulation and abrasion protection for wires and cables, the polyolefin material also offers resistance to oils, solvents and chemicals. Available in mini reels, bulk reels and sticks, for small to large volume applications.

**Short Description**

Heat Shrink Tubing, Bulk Reel, 2:1 Shrink Ratio, 1.25", 31.8/15.9 Dia, PO, Black, 100 ft/reel

**Global Part Name**

TFN21-31.8/16.0-PO-X-BK

**Variant**

Thin-Wall

**Nominal Diameter (Imperial)**

1-1/4

**Nominal Diameter (Metric)**

31.8

**Wall Thickness WT (Imperial)**

.039

**Wall Thickness WT (Metric)**

1.00

**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

**UL Recognized (US)** Yes

**UL Recognized (US and Canada)** Yes

**Package Quantity(Imperial)** 100

**Package Quantity (Metric)** 30

**Customs Number** 3926909987