



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Specification Sheet

Part Number: 309-60109



Heat Shrink Tubing, Mini Reel, 2:1 Shrink Ratio, 1/16", 1.6/0.8 Dia, PO, Black, 1000 ft/reel

<b>Article Number</b>	309-60109
<b>Type</b>	TFN21 1.6/0.8
<b>Color</b>	Black (BK)
<b>Features &amp; Benefits</b>	<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>
<b>Quantity Per</b>	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, Mini Reel, 2:1 Shrink Ratio, 1/16", 1.6/0.8 Dia, PO, Black, 1000 ft/reel

**Global Part Name**

TFN21 1.6/0.8-PO-X-BK

**Length L (Imperial)**

1000.0

**Variant**

Thin-Wall

**Nominal Diameter (Imperial)**

1/16

**Nominal Diameter (Metric)**

1.6

**Wall Thickness WT (Imperial)**

.016

**Wall Thickness WT (Metric)**

0.40

**Material**

Polyolefin, cross-linked (PO-X)

**Material Shortcut**

PO-X

**Flammability**

UL 224 VW-1

**Halogen free**

No

<b>Operating Temperature (Metric)</b>	-67°F to +275°F (-55°C to +135°C)
<b>Reach Complaint(Article 33)</b>	Yes
<b>ROHS Complaint</b>	Yes
<b>Certification/Specification WEB</b>	UL   ANSI/UL 224
<b>UL Recognized (US)</b>	Yes
<b>UL Recognized (US and Canada)</b>	Yes
<b>Package Quantity(Imperial)</b>	1000
<b>Package Quantity (Metric)</b>	304.8
<b>Customs Number</b>	3926909987