



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Specification Sheet

Part Number: 333-41512



Heat Shrink Tubing, 4' Long Stick, 3:1 Shrink Ratio, 1/2", 12.7/4.0 Dia, PO, Black, 10/pkg

Article Number	333-41512
Type	TFN31-ST-12/4
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, 1/2", 12.7/4.0 Dia, PO, Black, 10/pkg

Global Part Name

TFN31-ST-12/4-PO-X-BK

Length L (Imperial)

4.0

Length L (Metric)

1.22

Variant

Thin-Wall

Nominal Diameter (Imperial)

1/2

Nominal Diameter (Metric)

12

Wall Thickness WT (Imperial)

.031

Wall Thickness WT (Metric)

0.80

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)

10

Package Quantity (Metric)

10

Customs Number

3926909987