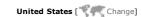




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## **Electrical OEM Materials**

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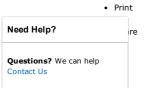
## 3M™ Heat Shrink Thin-Wall Tubing FP301-3/8-48"-Black-125 Pcs, 48 in Length sticks, 125 pieces/case

3M ID 80611600984 UPC# 00051128598375 Part Number FP301-3/8-48"-Black-125 Pcs



 $3M^{\scriptscriptstyle\mathsf{TM}}$  FP-301 Heat Shrink Tubing is a general-purpose, thin-wall tubing that provides a balance of electrical, physical and chemical properties, making it perfect for industrial and military applications. This tubing has a 2:1 shrink ratio and provides flame-retardant insulation for 600V-rated applications. It has a flexible polyolefin construction that offers moisture-seal

- · Balances electrical, physical and chemical properties for various industrial and military applications
- Offers shrink-fit protection and strain relief of wires, solder joints, terminals and connections
- Suitable for lightweight wire-harness covering, fire-resistant covering, wire marking, wire bundling and component packaging
- Expanded I.D. of 3/8 in
- 4-ft stick
- Made of black flexible polyolefin
- Withstands temperatures of -67 to 275 degrees F (-55 to 135 degrees C)
- Flame-retardant tubing is rated for 600V applications
- UL Listed, SAE-AMS-DTL-23053/5, Class 1, 2, AMS-3636, AMS-3637, ABS, CSA Certified and RoHS 2011/65/EU Compliant



Overview **Documents** 

3M™ Heat Shrink Tubing FP-301 is color-coded for quick and easy identification of the wire. This split-resistant, flame-retardant tubing is used as shrink-fit, electrical insulation over cable splices or terminations. The high-expansion-ratio tubing is mechanically tough, easily markable and resists cold flow. It is perfect for lightweight wire-harness covering, fire-resistant covering, wire marking, wire bundling and component packaging. It withstands temperatures of -67 to 275 degrees F (-55 to 135 degrees C). UL Listed, SAE-AMS-DTL-23053/5, Class 1, 2, AMS-3636, AMS-3637, CSA Certified and RoHS 2011/65/EU Compliant.

## Specifications

Agency Approvals CSA III Recognized

ЗМ

Brand 0.375 Inch **Expanded Inner** 

Diameter

**Expanded Inner** 9.53 mm Diameter (metric)

Flame Retardant Yes Length

Material Polyolefin Minimum 3 Inch

**Expanded Tubing** 

Operating -55 to 135 Degrees Celsius Temperature

Operating

-67 to 275 Degree Fahrenheit

(Fahrenheit)

48 in (1.22 m) sticks Product Form

Recovered Inner

(Celsius)

Recovered Inner Diameter (metric)

4 75 mm

RoHS 2011/65/EU

RoHS EU RoHS 2011/65/EU compliant without exemption

Comments \*Important RoHS information

Shrink Ratio 2:1 0.375 Inch

Size (metric) 9.52 mm Tubing Type Single (Thin) Wall

UL Bug Temperature 125 Degrees Celsius

(Celsius)

UL Bug 257 Degrees Fahrenheit

Temperature (Fahrenheit)

UL Bug Voltage 600 Volt

Manufacturing Origin: USA

The designation that a product is Manufactured in the USA means the product undergoes substantial transformation in one of our U.S. Manufacturing plants. Some products contain imported components.

Note: 3M products offered on a government contract that require country of origin representation must be certified by 3M Trade Compliance. Contact customer service at  $800\mbox{-}245\mbox{-}3573$  to request a certificate.

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