

Electrical OEM Materials

- Applications
- Products
- Documentation & Literature
- Support
- Where to Buy
- Contact Us

[United States](#) > [Energy](#) > [Electrical OEM Materials](#) > [Products](#) > [Electrical OEM Products Catalog](#) > [Heat Shrink](#) > [Single \(Thin\) Wall Tubing](#) > [3M™ Heat Shrink Thin-Wall Tubing FP-301-3/32-Red-500` : 500 ft spool length, 1500 ft/box](#)

3M™ Heat Shrink Thin-Wall Tubing FP-301-3/32-Red-500` : 500 ft spool length, 1500 ft/box

3M ID 80610219372 UPC# 00054007084693 Part Number FP301-3/32-500'-Red-Spool

Print Share



3M™ 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 protection.

- 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 3/32 in
- 500-ft spool
- Made of red 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

Need Help?

Questions? We can help [Contact Us](#)

Like [Sign Up](#) to see what your friends like.

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, UL Recognized
Brand	3M
Color	Red
Dielectric Strength	900 Volt
Elongation	400 %
Expanded Inner Diameter	3 Inch
Family	3M™ Heat Shrink Thin-Wall Tubing FP-301
Flame Retardant	Yes
Flammability Rating	UL 224 All Tubing Flame Test
Length	500 Linear Foot
Mil Spec	AMS-DTL-23053/5, Class 1
Minimum Expanded Tubing I. D.	3 Inch

Non-Corrosive	Yes
Operating Temperature (Celsius)	-55 to 135 Degrees Celsius
Product Family	FP-301
Recovered Inner Diameter	0.05 Inch
RoHS 2011/65/EU Compliant	Yes
RoHS EU Comments	RoHS 2011/65/EU compliant without exemption *Important RoHS information
Shrink Ratio	2:1
Tensile Strength	2400 Pound-Force Per Square Inch
Trademark	3M
Tubing Type	Single (Thin) Wall
UL File Number	E-39100

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 800-245-3573 to request a certificate.

3M OEM Electrical: [Contact Us](#)

3M: [News](#) | [Careers](#) | [Partners & Suppliers](#) | [Investor Relations](#) | [SDS Search](#) | [Transport Information Search](#) | [Help Center](#)

[Legal Information](#) | [Privacy Policy](#)

© 3M 2017. All Rights Reserved.