3M™ Heat Shrink Thin-Wall Flexible Polyolefin Adhesive-Lined Tubing EPS300-1/4-48"-Black-12 Pcs, 48 in length sticks, 12 pieces/case
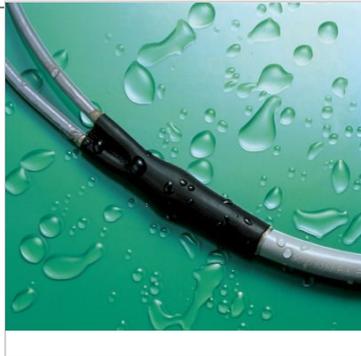
Part Number EPS300-1/4-48"-Black-12 Pcs , 3M ID 80611473903

Overview

Specifications

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- Dual-wall construction provides abrasion resistance and moisture-seal protection
- Offers the advantage of integral, adhesive-lined construction
- Offers protection for automotive, truck, electronic components, wire splices, wire bundles and harness breakouts
- Expanded I.D. of 1/4 in

  View all details

View Legal Disclaimer

WHERE TO BUY

Where to Buy
Where to Buy

Specifications

Attribute Name	Value
Agency Approvals	CSA, UL Recognized
Brand	3M
Color	Black
Dielectric Strength	700 Volt
Elongation	450 %
Expanded Inner Diameter	0.25 Inch
Expanded Inner Diameter (metric)	6.4 mm
Family	3M™ Heat Shrink EPS-300
Flame Retardant	Yes
Flammability Rating	UL 224 All Tubing Flame Test [jacket]
Length	48 Inch
Length (Metric)	1220

Material	Polyolefin
Mil Spec	AMS-DTL-23053/5, Class 3
Minimum Expanded Tubing I.D.	0.25 Inch
Non-Corrosive	Yes
Operating Temperature (Celsius)	-55 to 110 Degrees Celsius , -55 °C to 110 °C
Operating Temperature (Fahrenheit)	-67 to 230 Degree Fahrenheit , -67 °F to 230 °F
Operating Temperature Range (Celsius)	-55 to 110 Degrees Celsius , -55 °C to 110 °C
Operating Temperature Range (Fahrenheit)	-67 to 230 Degree Fahrenheit , -67 °F to 230 °F
Recovered Inner Diameter	0.08 Inch
Recovered Inner Diameter (metric)	2 mm
RoHS 2011/65/EU Compliant	Yes
RoHS EU Comments	RoHS 2011/65/EU compliant without exemption ***Important RoHS information**
Shrink Ratio	3:1
Size	0.25 Inch
Solution for	Wireless Network: Infrastructure Accessories
Tensile Strength	2100 Pound-Force Per Square Inch
Trademark	3M
Tubing Type	Dual Wall (Adhesive Lined)
UL File Number	E-157227

Details

- Dual-wall construction provides abrasion resistance and moisture-seal protection
- Offers the advantage of integral, adhesive-lined construction
- Offers protection for automotive, truck, electronic components, wire splices, wire bundles and harness breakouts
- Expanded I.D. of 1/4 in
- 4-ft stick
- Made of black flexible polyolefin
- Withstands temperatures of -67 to 230 degrees F (-55 to 110 degrees C)

- Flame-retardant tubing is rated for 600V applications

- UL Listed, ABS, CSA Certified and RoHS 2011/65/EU Compliant

- 12 sticks/case

3M™ EPS-300 Heat Shrink Tubing is a dual-wall tubing provides the advantage of an integral, adhesive-lined construction. This flame-retardant tubing with a 3:1 shrink ratio offers insulation for 600V-rated applications. The flexible polyolefin construction features an internal layer of thermoplastic adhesive, which offers moisture-seal protection in automotive and marine applications.

3M™ Heat Shrink Tubing EPS-300 is color-coded for quick and easy identification of the wire. It provides a skintight fit and strain-relief protection for electronic components, wire splices, wire bundles and harness breakouts. This flame-retardant tubing has a heat shrinkable outer wall that is irradiation cross-linked for abrasion resistance and helps to maintain the high flow as well as superior adhesion characteristics. When the tubing cools down, it forms a permanent, water-resistant barrier. It withstands a wide temperature range of -67 to 230 degrees F (-55 to 110 degrees C). UL Listed, CSA Certified and RoHS 2011/65/EU Compliant.

Resources

SDS
3M™ Thin-Wall, Flexible Polyolefin Adhesive-Lined Tubing EPS-300, Black and Colors (All sizes) (PDF)

Brochure
Heat Shrink CI Brochure (PDF, 916.8KB)

Data Sheet
3M™ Heat Shrink Tubing EPS-300 (PDF, 33.3KB)

Catalog
3M™ Heat Shrink Tubing & Devices Catalog (PDF, 1.1MB)

3M™ Heat Shrink, 2013 Electrical Products Catalog (PDF, 7.8MB)

Info
General Rules for Shelf Life Statements (VND.MS-EXCEL, 21.5KB)

Product Selection Guide
3M™ Heat Shrink Tubing Product Selection Guide (PDF, 129.8KB)

Legal Disclaimer

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 United States

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REGULATORY

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California Supply Chains Act Disclosure (PDF, 84KB)

UK Modern Slavery Act Statement (PDF, 169KB)

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