



3M United States >

# 3M™ Heat Shrink Flexible Polyolefin Tubing EPS200- Black, 48 in length sticks, 5 pieces

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Part Number EPS200-3/4-48-Black-5 Pcs, 3M ID 80611473853, UPC 00051128597248



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- Dual-wall construction provides abrasion resistance and moisture-seal protection
- Offers the advantage of integral, adhesive-lined construction
- Protects electronic components, automotive, truck and marine wiring splices or bundling of wires
- Made of black flexible polyolefin

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## Specifications

<b>Agency Approvals</b>	<b>UL Recognized</b>
<b>Brand</b>	<b>3M™</b>
<b>Color</b>	<b>Black , Black</b>
<b>Dielectric Strength</b>	<b>800 Volt</b>
<b>Elongation</b>	<b>450 %</b>
<b>Expanded Inner Diameter</b>	<b>0.75 in</b>
<b>Expanded Inner Diameter (Metric)</b>	<b>19.05 mm</b>
<b>Family</b>	<b>3M™ Heat Shrink EPS-200</b>
<b>Flame Retardant</b>	<b>Yes</b>
<b>Flammability Rating</b>	<b>UL 224 All Tubing Flame Test [jacket]</b>
<b>Length</b>	<b>48 in</b>
<b>Length (Metric)</b>	<b>1220</b>

<b>Material</b>	<b>Polyolefin</b>
<b>Mil Spec</b>	<b>AMS-DTL-23053/4, Class 2</b>
<b>Minimum Expanded Tubing I. D.</b>	<b>0.75 in</b>
<b>Non-Corrosive</b>	<b>Yes</b>
<b>Operating Temperature (Celsius)</b>	<b>-55 °C to 110 °C</b>
<b>Operating Temperature (Fahrenheit)</b>	<b>-67 °F to 230 °F</b>
<b>Operating Temperature Range (Celsius)</b>	<b>-55 °C to 110 °C</b>
<b>Operating Temperature Range (Fahrenheit)</b>	<b>-67 °F to 230 °F</b>
<b>Recovered Inner Diameter</b>	<b>0.375 in</b>
<b>Recovered Inner Diameter (Metric)</b>	<b>9.53 mm</b>
<b>RoHS 2011/65/EU Compliant</b>	<b>Yes</b>
<b>RoHS EU Comments</b>	<b>RoHS 2011/65/EU compliant without exemption</b> <b><a href="#">*Important RoHS information</a></b>
<b>Shrink Ratio</b>	<b>2:1</b>
<b>Size</b>	<b>0.75 Inch</b>
<b>Solution for</b>	<b>Wireless Network: Infrastructure Accessories</b>
<b>Tensile Strength (Imperial)</b>	<b>2100 Pound-Force Per Square Inch</b>
<b>Tubing Type</b>	<b>Dual Wall (Adhesive Lined)</b>
<b>UL File Number</b>	<b>E-39100</b>

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## Details

- Dual-wall construction provides abrasion resistance and moisture-seal protection
- Offers the advantage of integral, adhesive-lined construction
- Protects electronic components, automotive, truck and marine wiring splices or bundling of wires
- 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

3M™ EPS 200 Heat Shrink Tubing is a dual wall tubing that provides the advantage of integral, adhesive lined construction. This flame retardant tubing with a 2:1 shrink ratio, offers insulation for 600V rated applications. The flexible polyolefin construction with an internal layer of thermoplastic adhesive offers moisture seal protection in automotive and marine applications.

3M™ Heat Shrink Tubing EPS 200 provides a skintight fit and strain relief protection of electronic components, truck wiring splices or wire bundling. This flame retardant tubing has a heat shrinkable outer wall that is irradiation cross linked for abrasion resistance. The tubing also maintains a high flow and has superior adhesion characteristics. When the tubing cools down, it forms a permanent, water resistant barrier. It withstands temperatures of 67 to 230 degrees F ( 55 to 110 degrees C). UL Listed, SAE AS23053/4, Class 2, CSA Certified and RoHS 2011/65/EU Compliant.

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## Resources

### Brochures

[Heat Shrink CI Brochure \(PDF, 916.8KB\)](#)

### Catalog

[3M™ Heat Shrink, 2013 Electrical Products Catalog \(PDF, 7.8MB\)](#)

### Catalogs

[3M™ Heat Shrink Tubing & Devices Catalog \(PDF, 1.1MB\)](#)

### Info

[General Rules for Shelf Life Statements \(VND.MS-EXCEL, 21.5KB\)](#)

### Product Selection Guides

[3M™ Heat Shrink Tubing Product Selection Guide \(PDF, 129.8KB\)](#)

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## 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.

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