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3M™ Heat Shrink Flexible Polyolefin Tubing, EPS-200, black, 1/4 in x 48 in (0.64 cm x 121.92 cm)

3M ID 7000133575



Overview
Specifications
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Contact a Representative



- 2:1 shrink ratio
- When freely recovered, the tubing will shrink to 50% of its original diameter
- Rated for operation at -55°C (-67°F) to 110°C (230°F)

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CONFIRM

Brand	3M™
Colour Family	Black
Elongation	450 %
Expanded Inner Diameter	0.25 in
Expanded Inner Diameter (metric)	6.35 mm
Family	3M™ Heat Shrink EPS-200
Flame Retardant	Yes
Flammability Rating	UL 224 All Tubing Flame Test [Jacket]
Inner Diameter After Shrink (Imperial)	0.125 in
Inner Diameter After Shrink (Metric)	3.18 mm
Inner Diameter Before Shrink (Imperial)	0.25 in
Inner Diameter Before Shrink (Metric)	6.35 mm
Manufacturing Origin	USA
Material	Polyolefin
Maximum Operating Temperature (Celsius)	110 °C
Maximum Operating Temperature (Fahrenheit)	230 °F
Mil Spec	AMS-DTL-23053/4, Class 2
Minimum Expanded Tubing I. D.	0.25 in
Non-Corrosive	Yes
Operating Temperature (Celsius)	-55 °C to 110 °C
Operating Temperature (Fahrenheit)	-67 °F to 230 °F
Operating Temperature Range (Celsius)	-55 °C to 110 °C
Operating Temperature Range (Fahrenheit)	-67 °F to 230 °F
Overall Length (Imperial)	48 in
Product Colour	Black
Recovered Inner Diameter	0.125 in
Recovered Inner Diameter (metric)	3.18 mm
Shrink Ratio	2:1
Solution for	Wireless Network: Infrastructure Accessories
Tensile Strength (Imperial)	2100 Pound-Force Per Square Inch
Tubing Type	Dual Wall (Adhesive Lined)
UL File Number	E-39100
Units per Case	12

Details

- 2:1 shrink ratio
- When freely recovered, the tubing will shrink to 50% of its original diameter
- Rated for operation at -55°C (-67°F) to 110°C (230°F)
- Adhesive reflow will occur at temperatures above 80°C (176°F)

3M™ Heat Shrink Flexible Polyolefin Tubing EPS-200 is 2:1 thin-wall tubing that helps provide convenient protection of electronic components, wire splices or bundling of wires.

3M™ Heat Shrink Flexible Polyolefin Tubing EPS-200 is thin-wall tubing that offers the advantages of integral adhesive-lined construction. The tubing is made from a flame-retardant, flexible polyolefin with a thin layer of special thermoplastic adhesive. The heat-shrinkable outer wall is selectively cross-linked while maintaining the high flow and excellent adhesion of the inner sealant liner. When heated in excess of 121°C (250°F), 3M™ Heat Shrink Flexible Polyolefin Tubing EPS-200 rapidly shrinks to a skin-tight fit, forcing the melted adhesive lining to flow and cover the substrate. The adhesive forms a flexible bond with a wide variety of rubbers, plastics and metals. Upon cooling, the adhesive solidifies forming a permanent, non-drying, flexible and water-resistant barrier. The tubing is UL Recognized (file E-39100) and meets the specifications of AMS-DTL-23053/4, Class 2.

Suggested Applications

- Protection of electronic components, wire splices or bundling of wires
- Automotive, truck and marine wiring splices and connections are protected from harsh environments

Contact a Representative

First name*

Last name*

Job title*

Company*

Province*

Select

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Enter your 10-digit phone number. Numbers only. eg. 5555555555

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