



[Product Details](#)



[Regulatory Info/SDS](#)



Technical Data Sheet

3M™ Multi-Purpose Duct Tape 3900

Product Description

3M™ Multi-Purpose Duct Tape 3900 is a conformable cloth duct tape made with polyethylene film over cloth scrim and a rubber adhesive. A good choice for general maintenance, bundling, wrapping, attaching, sealing, protecting, and color coding.

Product Features

- Rubber adhesive sticks well to a wide variety of surfaces
- Cloth scrim tears by hand in both directions.
- Backing has good tensile strength, ideal for bundling materials.
- Polyethylene backing resists moisture prolonging the tape bond in moist or humid environments.
- Conformable and can be applied to irregular surfaces.
- Seven colors are available for color coding or to match a surface.

Technical Information Note

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Typical Physical Properties

Attribute Name	Test Method	Value
Color		Blue, black, olive, red, silver, white, yellow, orange
Adhesive Type		Rubber
Backing		Polyethylene film over cloth scrim
Total Tape Thickness	ASTM D3652	0.19 mm (7.6 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)	5.8 N/cm (53 oz/in) ¹
Elongation at Break	ASTM D3759		19 %
Tensile Strength	ASTM D3759		49 N/cm (28 lb/in)
Long Term Temperature Resistance			93 °C (200 °F) ²

¹ 12 in/min (300 mm/min)

² Long Term (day, weeks)

Handling/Application Information

Application Examples

- General shop and temporary repair activities.
- Sealing, holding, protecting, bundling, color coding.
- Applications requiring moisture resistance.

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 12 months from date of manufacture.

Available Sizes

Attribute Name	Value
Standard Roll Length	54.8 m (60 yd)
Standard Width	48 mm (1.88 in)

Information

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ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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