

# 3M

# Duct Tape

## 3900

FOD# 1761  
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### Technical Data

August 1, 1999

*Supersedes February 1995*

**Product Description** Economy grade cloth duct tape. Polyethylene coated cloth backing is moisture-resistant. A good choice for general maintenance, wrapping, sealing and protecting.

**Product Construction** Backing: Polyethylene coated cloth  
Adhesive: Rubber  
Color: Silver  
Standard Roll Length: 60 yds. (54.8m)

**Typical Physical Properties** **Note:** The following technical information and data should be considered representative or typical only, and should not be used for specification purposes.

		<u>ASTM TEST METHOD</u>
Adhesion to Steel:	49 oz./in. width (53 N/100mm)	D-3330
Tensile Strength:	24 lbs./in. width (419 N/100mm)	D-3759
Elongation at Break:	14%	D-3759
Tape Thickness:	8.3 mils (0.21mm)	D-3652
Temperature Use Range:	Up to 150°F (65°C)	

**General Information**

1. The high tack, conformability, strength, and easy tear features of this tape make it ideal for many sealing and other general maintenance applications.
2. Typically used at room temperature, but will function up to 150°F (65°C).
3. Tape 3900 is manufactured in an ISO 9002 registered plant to meet worldwide quality standards.

**Shelf Life** To obtain best performance, use this product within one year from date of manufacture and store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.

**Application Ideas** General shop and temporary repair activities. Sealing, holding, protecting and bundling. Applications requiring moisture resistance. Taping or splicing insulation.

Features	FEATURES	ADVANTAGES	BENEFITS
	Polyethylene coated cloth backing	Resists moisture	Prolongs tape bond
		Conformable	Can be used on many irregular surfaces
		Hand tears easily	Ease of application, no additional tools needed
		Good tensile strength	Strong for tough applications
	Adhesive	High tack	Provides good seal
		Good holding power	Stays where you put it
		Adheres aggressively to a variety of surfaces	Useful for many general purposes

**Technical Information and Data**

The technical information and data, recommendations, and other statements provided are based on tests or experience which 3M believes to be reliable, but the accuracy or completeness of such information is not guaranteed.

**Product Use**

Please remember that many factors can affect the use and performance of a 3M product in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a 3M product. Given the variety of factors that can affect the use and performance of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

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This Industrial Tape and Specialties Division product was manufactured under a quality system registered to ISO 9002 standards.

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