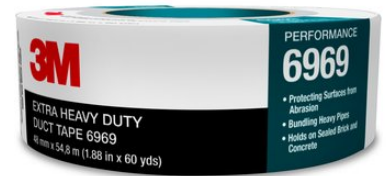


March, 2017

# 3M™ Extra Heavy Duty Duct Tape 6969

## Product Description

3M™ Extra Heavy Duty Duct Tape 6969 is an industrial strength duct tape composed of an abrasion resistant, polyethylene film over a dense cloth scrim water proof backing with an aggressive rubber adhesive used for demanding duct tape applications.



## Product Features

- Offers industrial strength backing, easy tear, and abrasion resistance.
- Olive color is useful for military applications.
- Low tack roll edges (48 mm) so edges stay cleaner for less surface contamination, and less waste.
- Individual roll wrap (48 mm) that preserves integrity of the roll for less waste.
- Polyethylene coated cloth scrim that resists moisture to prolong tape bond.
- Rubber adhesive that adheres aggressively to most surfaces for good holding power.

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## 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

Property	Values		Method
Color	Black, Olive, Silver		
Total Tape Thickness	0.25 mm	10 mil	ASTM D3652
Backing	Polyethylene film over cloth scrim		
Adhesive	Rubber		

## Typical Performance Characteristics

Property	Values		Method	Substrate	Notes
Peel Adhesion	5.6 N/cm	51 oz/in	ASTM D3330	Stainless Steel	
Tensile Strength	59.5 N/cm	544 oz/in	ASTM D3759		
Elongation at Break	16 %		ASTM D3759		
Temperature Use Range	Up to 93 °C	Up to 200 °F			
Flame Spread Index	0		ASTM E84		UL-723, NFPA 255, and UBC 8-1 are publications of the same test method.
Smoke Developed Index	5		ASTM E84		UL-723, NFPA 255, and UBC 8-1 are publications of the same test method.

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## Available Sizes

Property	Values	
Standard Roll Length	54.8 m	60 yd
Standard Width	48, 72 mm	1.89, 2.83 in

## Handling/Application Information

### Application Ideas

- A good choice of tape for HVAC, industrial, construction, abatement, trucking and automotive industries.
- Reinforcing, bundling, moisture proofing, sealing, splicing, temporary repair.
- Hanging poly, repairing and splicing tarps, seaming.

### Storage and Shelf Life

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton. To obtain best performance, use this product within 18 months from date of manufacture.

### Trademarks

3M is a trademark of 3M Company.

### ISO Statement

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

### Technical Information

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## 3M™ Extra Heavy Duty Duct Tape 6969

### **Warranty, Limited Remedy, and Disclaimer**

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## Details

- Designed for use in heavy duty MRO/construction
- Sticks immediately and stays on reliably
- Strong water-resistant backing resists wear and light abrasion
- Provides a tight, moisture-resistant seal in many containment situations
- Conforms to irregular surfaces without lifting
- Available in silver, black and olive colors
- Save time and hassle of removing sticky or dried-on residue when used indoors

Constructed of polyethylene film laminated to cloth with a rubber adhesive, this economical tape resists curling and tears off the roll cleanly for easy application in MRO/construction. 3M™ Extra Heavy Duty Duct Tape **6969** has a unique construction that allows for permanent and temporary indoor applications. It is removable with little or no adhesive residue up to three months after application.

This industrial strength duct tape owes its strength and reliable performance to its abrasion resistant, water proof polyethylene film backing. Its dense cloth scrim and aggressive rubber adhesive combine with the backing to produce an effective tape that conforms, sticks where needed, seals, protects and meets dozens of other demanding applications. In addition to strength and reliability, this tape tears easily by hand and removes cleanly for no-hassle use on demand. This heavy-duty duct tape is valuable for hundreds of uses in transportation, aerospace, automotive, commercial vehicle, RV, bus, truck, ship yards, military, metal working, furniture, electronics, solar, trailer manufacturing and woodworking industries.

One of the most important points to consider when choosing a duct tape is how it is going to be used. When it comes to choosing a 3M™ Duct Tape that meets the need for a particular job, consider the following: Performance Plus and Outdoor Masking Tapes are best-in-class tapes for indoor/outdoor use, offering clean removal and long term weatherability. Extra Heavy Duty, Heavy Duty and Multi Purpose duct tapes provide reliable performance for demanding contractor, MRO and industrial job site applications; and General Purpose duct tapes offer cost-effective options for general and lighter duty applications such as bundling, sealing, holding and identifying.

The need for qualities such as strength, moisture resistance, abrasion resistance, heat resistance and clean removal are among the issues that impact the effectiveness of a duct tape. Two of three principal factors that make up a tape's strength are its backing and adhesive. The thicker the backing, the greater tensile strength (the resistance to breaking under tension), moisture and abrasion resistance provided. A rubber-based or synthetic rubber adhesive provides instant stick, a strong bond and long-lasting hold, even in moist conditions. Lastly, the distinctive cloth scrim, laminated between the backing and the adhesive, adds additional strength and also helps guide straight horizontal and vertical tearing.

One last and often overlooked fact about tapes in general, is that they all need to be stored correctly and they all have a shelf life. Weak adhesion, lifting, curling, breakage and difficulty in removal are more often than not, attributable to age or improperly stored tape, as opposed to quality. In all cases, care should be taken to read all product information thoroughly. In particular, the tape's specifications should be weighed against the task at hand to ensure successful, cost-effective outcomes.

A toolbox mainstay in industry and home workshops, duct tape (sometimes mistakenly referred to as "duck tape") serves a wide range of maintenance, repair and construction needs. The term "duct tape" comes from the tape's original use in heating, ventilation and air conditioning (HVAC) applications, including duct sealing. Today it is found in residential, industrial and commercial environments and used effectively in construction, electrical, industrial, marine, and military, abatement, trucking and automotive markets.

Rely on [premium tapes by 3M](#) if you're looking for quality and efficiency.