



# Technical Data Sheet

## 3M™ Heavy Duty Duct Tape DT11

### **Product Description**

3M™ Heavy Duty Duct Tape DT11 is an 11 mil duct tape with a natural rubber adhesive and water resistant polyethylene backing. It provides easy tear and good conformability. The natural rubber adhesive makes it a great choice for holding, seaming, sealing and packaging.

### **Product Features**

- Aggressive natural rubber adhesive provides instant adhesion to a wide variety of surfaces including metal, glass, plastic, and sealed concrete.
- Woven cloth scrim allows the tape to tear easily by hand and provides ease of application and handling.
- Woven scrim provides high tensile strength which is ideal for bundling applications.
- Water resistant polyethylene backing
- Thick backing resists wear and light abrasion
- Roll sides are not tacky, keeping roll cleaner on the job site.
- Tested in accordance with UL 723 / ASTM E84

### **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		Silver and Black
Adhesive Type		Synthetic/Natural Rubber blend
Backing		Polyethylene film over cloth scrim
Total Tape Thickness	ASTM D3652	0.27 mm

### **Typical Performance Characteristics**

Attribute Name	Test Method	Temperature	Substrate	Value
180° Peel Adhesion	ASTM D3330	23 °C	Stainless Steel	8.4 N/cm <sup>1</sup>
Elongation at Break	ASTM D3759			20 %
Tensile Strength	ASTM D3759			49 N/cm

<sup>1</sup> 304 mm/min (12 in/min)

## **Handling/Application Information**

### **Application Examples**

- Holding, Bundling, Seaming, Sealing and Packaging applications
- Hanging poly-drapes
- Marking and Labeling

## **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**

<b>Attribute Name</b>	<b>Value</b>
Standard Roll Length	54.8, 22.9 m

## **Information**

Precautionary Information: Refer to product label and Material Safety Data Sheet for health and safety information before using the product. For information, please contact your local 3M Office. You can click or scan QR code to see contact detail or visit [www.3M.com](http://www.3M.com) Important Information: All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors 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 or application. All questions of liability relating to this product are governed by the terms of the sale subject, where applicable, to the prevailing law. Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.

## **ISO Statement**

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

3M™ Centre  
Cain Rd, Binfield, Bracknell RG12 8HT, United Kingdom  
[3m.co.uk/iatd](http://3m.co.uk/iatd)

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