



# Technical Data Sheet

## 3M™ Performance Plus Duct Tape 8979

### Product Description

3M™ Performance Plus Duct Tape 8979 has a unique product construction for indoor and outdoor applications. This tape is removable with little or no adhesive residue from most opaque surfaces up to six months after application. 3M™ Performance Plus Duct Tape 8979 is also resistant to delamination and deterioration when exposed to UV outdoors for up to one year.

### Product Features

- Clean removal outdoors for up to 6 months, or indoors
- Tested in accordance with UL 723 / ASTM E84.
- Easy to handle and apply. Moderate roll unwinding force, and tear by hand.
- Rubber adhesive bonds well to many surfaces with good initial stick.
- Moisture resistant and conformable backing.
- Strong backing with high tensile strength for demanding applications.
- Roll sides are de-tacked to stay clean, 48 mm only.
- Distinctive Slate Blue color. Also available in black and olive.

### 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		Slate Blue, Black, Olive
Adhesive Type		Rubber
Backing		Polyethylene film over cloth scrim
Total Tape Thickness	ASTM D3652	0.29 mm

### Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C	6.2 N/cm <sup>1</sup>
Elongation at Break	ASTM D3759		17 %
Tensile Strength	ASTM D3759		64 N/cm
Minimum Application Temperature			4 °C
Long Term Temperature Resistance			93 °C <sup>2</sup>
Flame Spread Index	ASTM E84		5 <sup>3</sup>
Smoke Developed Index	ASTM E84		0 <sup>3</sup>

<sup>1</sup> 12 in/min (300 mm/min)

<sup>2</sup> Long Term (day, weeks)

<sup>3</sup> UL-723, NFPA 255, and UBC 8-1 are publications of the same test method.

## **Handling/Application Information**

### **Application Examples**

- Ideal for demanding duct tape applications in the construction, electrical, industrial, marine and military markets.
- Applications for sealing, holding, identification and protection.
- Maintenance Repair and Other (MRO) applications for patching, bundling, reinforcing, tabbing and temporary repair.
- Taping and splicing insulation, capping pipe and conduit ends, marking and labeling.
- Hanging polyethylene drapes, industrial masking and light sandblast overspray protection.

### **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 18 months from date of manufacture.

### **Available Sizes**

<b>Attribute Name</b>	<b>Value</b>
Standard Roll Length	54.8, 22.8 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.

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