



# Technical Data Sheet

## 3M™ Performance Flatback Tape 2525

### Product Description

3M™ Performance Flatback Tape 2525 is used in holding, splicing or masking applications where high adhesion strength, high temperature capability and high backing strength are required.

### Product Features

- Has excellent adhesion and backing strength levels and is resistant to moist conditions.
- Colored backing provides high visibility and is easily picked up by sensing equipment.
- Capable of withstanding 300°F (149°C) bake cycle for 1 hour.
- Not recommended for outdoor applications or prolonged periods of sunlight exposure as tape may become very difficult to remove.

### 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		Orange
Adhesive Type		Rubber
Backing		Flat stock paper
Total Tape Thickness	ASTM D3652	0.24 mm

### Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Substrate	Value
180° Peel Adhesion	ASTM D3330	23 °C	Stainless Steel	7.5 N/cm <sup>1</sup>
Elongation at Break	ASTM D3759			3 %
Tensile Strength	ASTM D3759			100 N/cm
Long Term Temperature Resistance				149 °C <sup>2</sup>

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

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

## **Handling/Application Information**

### **Application Examples**

Can be used in many holding, masking, and splicing applications where a high visibility tape is desired. It can also be used for various types of edging and binding applications.

### **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	55 m <sup>1</sup>

<sup>1</sup> Available in metric widths (eg, 25 mm corresponds to 1 inch).

### **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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