



Technical Data Sheet

3M™ Performance Flatback Tape 2525



[Product Details](#)

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 (9.5 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Substrate	Value
180° Peel Adhesion	ASTM D3330	23 °C (73 °F)	Stainless Steel	7.5 N/cm (69 oz/in) ¹
Elongation at Break	ASTM D3759			3 %
Tensile Strength	ASTM D3759			100 N/cm (57 lb/in)
Long Term Temperature Resistance				149 °C (300 °F) ²

¹ 304 mm/min (12 in/min)

² 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

Attribute Name	Value
Standard Roll Length	55 m (60 yd) ¹

¹ Available in metric widths (eg, 25 mm corresponds to 1 inch).

Information

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ISO Statement

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

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