



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 | 0.241 mm (9.5 mil) |

Typical Performance Characteristics

| Attribute Name | Test Method | Temperature | Value |
|----------------------------------|-------------|---------------|----------------------------------|
| 180° Peel Adhesion | ASTM D3330 | 22 °C (72 °F) | 7.5 N/cm (69 oz/in) ¹ |
| Elongation at Break | ASTM D3759 | | 2 % |
| Tensile Strength | ASTM D3759 | | 85.8 N/cm (49 lb/in) |
| Long Term Temperature Resistance | | | 149 °C (300 °F) ² |

¹ 12 in/min (300 mm/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, 24 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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