



Technical Data Sheet

3M™ Traction Tape 5401



[Product Details](#)

Product Description

3M™ Traction Tape 5401 is a single coated glass cloth tape with silicone coated backing used for wrapping rollers to provide traction and a non-stick surface.

Product Features

- Backing provides a great traction surface while also providing non-stick surface.
- Silicone adhesive adheres well to many surfaces and removes cleanly.
- Fiberglass reinforcing provides a durable and conformable product for wrapping applications.

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		Tan
Adhesive Type		Silicone
Backing		Fiberglass reinforced silicone
Total Tape Thickness	ASTM D3652	0.24 mm (9.3 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	23 °C (73 °F)	1.3 N/cm (12 oz/in) ¹
Elongation at Break	ASTM D3759		7 %
Tensile Strength	ASTM D3759		385.3 N/cm (220 lb/in)
Long Term Temperature Resistance			150 °C (300 °F) ²

¹ 300 mm/min (12 in/min)

² Long Term (day, weeks)

Handling/Application Information

Application Examples

- Best results obtained when applied to a clean dry surface above 32°F (0°C).
- Do not apply to wet materials.
- Insure proper rubdown of the tape to the substrate for optimum performance.
- The tape is often applied to roller in printing, converting, and other web processing by hand in various wrap patterns to give traction to roller while also providing a non-stick surface.

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 36 months from date of manufacture.

Available Sizes

Attribute Name	Value
Standard Roll Length	33 m (36 yd)

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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