



## Technical Data Sheet

3M™ Thin Flexographic Plate Mounting Tape  
E2105



[Product Details](#)

### Product Description

3M™ Thin Flexographic Plate Mounting Tape E2105 is a double coated film tape constructed of a polyester film carrier with differential adhesives specifically designed for mounting flexographic print plates to cushioned/compressible sleeves. Both adhesives are designed to provide high holding power and to cleanly remove from both the plate and the sleeve. This product uses the 3M proprietary Easy Mount liner, which creates micro-channels in the lined side adhesive surface. The cross-hatched pattern creates a continuous and permanent network of micro-channels in the adhesive, allowing air to escape from between the tape and the plate.

### 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
Adhesive Carrier		PET
Total Tape Thickness	ASTM D3652	0.127 mm (5 mil)
Liner Thickness		0.1 mm (4 mil)
Thickness: Nominal		x

### Typical Performance Characteristics

#### 90° Peel Adhesion

Temperature: 22 °C (72 °F)

Test Method: ASTM D3330

Test Condition	Substrate	Value
	Cushioned Sleeve A	60 oz/in <sup>1</sup>
	Cushioned Sleeve A	6.5 N/cm
	Cushioned Sleeve B	3.8 N/cm (35 oz/in) <sup>1</sup>
Non-Lined Side	Photopolymer	1.1 N/cm (10 oz/in) <sup>2</sup>

<sup>1</sup> Non-Lined

<sup>2</sup> Lined

Attribute Name	Value
Temperature Resistance	49 °C (120 °F)

### Typical Environmental Performance

Attribute Name	Value
Solvent Resistance	Water - Excellent
	Alkanes - Excellent
	Alcohols - Good
	Acetates - Fair

## **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 12 months from date of manufacture.

## **Available Sizes**

<b>Attribute Name</b>	<b>Value</b>
Master Width	1372 mm (54 in)
Normal Slitting Tolerance	± 0.794 mm (± 1/32 in)

## **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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