



## Technical Data Sheet

### 3M™ Thin Flexographic Plate Mounting Tape 2205



[Product Details](#)



[Regulatory Info/SDS](#)

#### Product Description

3M™ Thin Flexographic Mounting Tape 2205 is a double coated film tape constructed of a polyester film carrier with differential adhesives specifically designed for the corrugated printing business to hold flexographic print plates to PVC saddles/carriers. Both adhesives are designed to provide high holding power and to cleanly remove from both the plate and the carrier. This product uses the 3M proprietary Easy Mount liner, which creates micro-channels in the lined side adhesive surface. The crosshatched pattern creates a continuous and permanent network of micro-channels in the adhesive, allowing air to escape from between the tape and the carrier.

#### Product Features

- Use the 3M proprietary Easy Mount liner, creating micro-channels in lined side of the tape. The crosshatched pattern creates a continuous and permanent network of micro-channels in the adhesive, allowing air to escape from between the tape and the carrier.
- The adhesive on the non-lined side of the tape is designed for mounting of photopolymer plates, excellent holding power on-press with high plateside adhesion and clean plate removal when demounting.
- The adhesive on the lined side of the tape is designed for mounting to PVC carriers, providing easy and air free application at mounting and clean removal when demounting.

#### 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		Polyester
Total Tape Thickness	ASTM D3652	0.127 mm (5 mil)
Liner Thickness		0.1 mm (4 mil)

#### Typical Performance Characteristics

##### 90° Peel Adhesion

Temperature: 22 °C (72 °F)

Test Method: ASTM D3330

Dwell Time	Test Condition	Substrate	Value
24 h	Non-Lined Side	Photopolymer	7 N/cm (65 oz/in) <sup>1</sup>
24 h	Lined Side	Polyvinyl chloride (PVC)	1.3 N/cm (120 oz/in) <sup>1</sup>
72 h	Non-Lined Side	Photopolymer	8.1 N/cm (75 oz/in) <sup>1</sup>
72 h	Lined Side	Polyvinyl chloride (PVC)	1.35 N/cm (125 oz/in) <sup>1</sup>
		Photopolymer	3.2 N/cm (30 oz/in) <sup>2</sup>
		Polyvinyl chloride (PVC)	4.9 N/cm (45 oz/in) <sup>3</sup>
		Stainless Steel	4.9 N/cm (45 oz/in) <sup>2</sup>
		Stainless Steel	3.8 N/cm (35 oz/in) <sup>3</sup>

<sup>1</sup> 12 in/min (300 mm/min)

<sup>2</sup> Non-Lined

<sup>3</sup> Lined

Attribute Name	Value
Temperature Resistance	65 °C (150 °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 60°F to 80°F (16°C to 27°C) and 40 to 60% relative humidity in the original carton. To obtain best performance, use this product within one year from date of manufacture.

### **Available Sizes**

Attribute Name	Value
Master Width	1371.6 mm (54 in)
Normal Slitting Tolerance	± 0.794 mm (± 1/32 in)

### **Information**

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### **ISO Statement**

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

3M  
Industrial Adhesives and Tapes Division  
3M Center, Building 225-35-06  
St. Paul, MN 55144-1000  
800-362-3550

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