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## 3M™ Thin Flexographic Plate Mounting Tape 2205

### 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.



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## 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

Property	Values	
Tape Thickness	0.127 mm	5 mil
Adhesive Carrier	Polyester	
Liner Thickness	0.1 mm	4 mil

## Typical Performance Characteristics

Peel Adhesion (Linered Side)		Dwell/Cure Time	Substrate
4.9 N/cm	45 oz/in	Initial	PVC
1.3 N/cm	120 oz/in	24 hr	PVC
1.35 N/cm	125 oz/in	72 hr	PVC
3.8 N/cm	35 oz/in	Initial	Stainless Steel

Property: Peel Adhesion (Linered Side)  
Method: ASTM D3330 (modified)

Peel Adhesion (Non-linered Side)		Dwell/Cure Time	Substrate
3.2 N/cm	30 oz/in	Initial	Photopolymer
7 N/cm	65 oz/in	24 hr	Photopolymer
8.1 N/cm	75 oz/in	72 hr	Photopolymer
4.9 N/cm	45 oz/in	Initial	Stainless Steel

Property: Peel Adhesion (Non-linered Side)  
Method: ASTM D3330 (modified)

## Solvent Resistance

Water - Excellent  
Alkanes - Excellent  
Alcohols - Good  
Acetates - Fair

Property	Values	
Heat Resistance	65 °C	150 °F

## Available Sizes

Property	Values	
Master Width	1371.6 mm	54 in
Normal Slitting Tolerance	± 0.794 mm	± 1/32 in

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## 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.

## Trademarks

3M is a trademark of 3M Company

## References

Property	Values
3m.com Product Page	<a href="https://www.3m.com/3M/en_US/company-us/all-3m-products/~ /3M-Thin-Flexographic-Mounting-Tape-2205?N=5002385+3293242094&amp;rt=rud">https://www.3m.com/3M/en_US/company-us/all-3m-products/~ /3M-Thin-Flexographic-Mounting-Tape-2205?N=5002385+3293242094&amp;rt=rud</a>
Safety Data Sheet (SDS)	<a href="https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=2205">https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=2205</a>

## ISO Statement

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

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