



# Thin Flexographic Plate Mounting Tape 2205

Technical Data

September, 2011

## 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.

## Typical Physical Properties and Performance Characteristics

**Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.**

Carrier		Polyester
Thickness Tape	in (mm)	0.005 (0.127)
Liner Paper	in (mm)	0.004 (0.10)
Master Width	in (mm)	54 (1371.6)
Slit Tolerance	in (mm)	± 1/32 (±0.794)
Peel Adhesion (Modified ASTM-D3330) Liner side - PVC	Initial: oz/in (N/100mm) 24 Hour: oz/in (N/100mm) 72 Hour: oz/in (N/100mm)	45 (49) 120 (130) 125 (135)
Peel Adhesion (Modified ASTM-D3330) Non-Liner side - Photopolymer	Initial: oz/in (N/100mm) 24 Hour: oz/in (N/100mm) 72 Hour: oz/in (N/100mm)	30 (32) 65 (70) 75 (81)
Peel Adhesion (Modified ASTM-D3330) Stainless Steel	Non-Liner Initial: oz/in (N/100mm) Liner Initial: oz/in (N/100mm)	45 (49) 35 (38)
Heat Resistance	°F (°C)	150 (65)
Solvent Resistance Water Alkanes Alcohols Acetates		Excellent Excellent Good Fair

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## 2205

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### 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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### Storage

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.

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### Shelf Life

To obtain best performance, use this product within one year from date of manufacture.

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### Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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### Product Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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**ISO 9001:2008**

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2008 standards.

# 3M

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