



Thin Flexographic Plate Mounting Tape

E2105

Technical Data

November 2013

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.

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.

Product		E2105
Carrier		PET
Thickness Tape	in (mm)	0.005 (0.127)
Liner Paper	in (mm)	0.004 (0.10)
Master Width	in (mm)	54 (1372)
Slit Tolerance	in (mm)	± 1/32 (± 0.794)
Peel Adhesion (Modified ASTM-D3330) Non-linered side - Cushioned Sleeve A	oz/in (N/100mm)	60 (65)
Non-linered side - Cushioned Sleeve B	oz/in (N/100mm)	35 (38)
Peel Adhesion (Modified ASTM-D3330) Lined side - Photopolymer	oz/in (N/100mm)	10 (11)
Heat Resistance	°F (°C)	120 (49)
Solvent Resistance Water Alkanes Alcohols Acetates		Excellent Excellent Good Fair

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Storage Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% relative humidity in the original carton.

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

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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Industrial Adhesives and Tapes Division

3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-362-3550 • 877-369-2923 (Fax)
www.3M.com/flexo



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