



Thin Flexographic Mounting Tape

2205

Technical Data

September, 2006

Product Description

3M™ Thin Flexographic Mounting Tape 2205 is a double coated film tape constructed of a polyester film carrier with differential acrylic adhesives.

The adhesive systems have been specifically designed for corrugated post print plate mounting. The adhesive on the non-linered side of the tape is designed for mounting to photopolymer flexographic printing plates. The adhesive on the linered side of the tape is formulated for mounting to PVC or Mylar® carrier sheets. 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 microchannels in the linered side adhesive surface. The crosshatched pattern creates a continuous and permanent network of microchannels in the adhesive, allowing air to escape from between the tape and the carrier.

Product Construction

Adhesive	Carrier	Tape Color	Liner Color	Roll Length	Master Width
Differential acrylate	Polyester film	Clear	Tan paper	60 yd. (55 m)	54 in. (1371.6 mm)

Typical Physical Properties

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

	ASTM Test Method
Tape Thickness:	0.005 in. (0.13 mm)
Liner Thickness:	0.004 in. (0.10 mm)
Slitting Tolerance:	± 1/32 in. (± 0.8 mm)
Peel Adhesion:	D-3330
Stainless Steel Non-Linered Side Initial: Liner Side Initial:	45 oz./in. width (49 N/100 mm) 35 oz./in. width (38 N/100 mm)
Photopolymer Non-Linered Side Initial: 24 Hour: 72 Hour:	55 oz./in. width (60 N/100 mm) 80 oz./in. width (87 N/100 mm) 85 oz./in. width (92 N/100 mm)
PVC Liner Side Initial: 24 Hour: 72 Hour:	60 oz./in. width (65 N/100 mm) 85 oz./in. width (92 N/100 mm) 100 oz./in. width (109 N/100 mm)
Solvent Resistance	Water: Excellent Alkanes: Excellent Alcohol: Good Acetates: Fair
Heat Resistance:	150°F (65°C)

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

Shelf Life To obtain best performance, use this product within 12 months from date of manufacture.

Product Use All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

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ISO 9001:2000

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