



# 7736 Matt Overlaminating Film

## Overlaminating Polyester Label Material

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### Product Data Sheet - Provisional

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<b>Issued</b>	:	<b>February 2004 (Provisional)</b>
<b>Supersedes</b>	:	<b>New</b>

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#### Physical Properties

Not for specification purposes  
(Calipers are nominal values)

<b>Facestock</b>	23 micron Matte polyester
<b>Adhesive</b>	21 micron U.V. stable, permanent acrylic
<b>Liner</b>	82 micron, 72 gsm White Polycoated Kraft
<b>Shelf Life</b>	12 months from date of despatch by 3M when stored in the original carton at 21°C & 50% Relative Humidity

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#### Features:

- U.V stable permanent acrylic adhesive
- 72gsm Polycoated liner helps maintain adhesive clarity
- Matte PET facestock provides high abrasion, U.V. and solvent resistance without the risk of glare

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#### Application Ideas:

- Protective overlamine for label and nameplate graphics
- Can be used on appliances, industrial equipment, tools, etc.
- Label requiring matte appearance

**Performance  
Characteristics**

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

<b>180o Peel Adhesion to Glass</b>	15 N/25mm	FINAT 1
<b>Loop Tack to Glass</b>	12 N/25mm	FINAT 9

<b>Tensile Strength, Machine Direction</b>	19 kpsi	ASTM D882A
<b>Elongation at Break, Machine Direction</b>	144 %	ASTM D882A
<b>Thermal Shrinkage Machine Direction Transverse Direction</b>	1.5 % 1.0 %	Unrestrained @ 150°C for 30 minutes
<b>Haze</b>	65 – 70 %	ASTM D1003

<b>Temperature Range Service Temperature Minimum Application Temperature</b>	-40 to 150°C 5°C
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## Processing

### Printing:

Facestock is not print treated

### Die Cutting:

Rotary die cutting is recommended after lamination. Fanfolding of labels is not recommended. Small labels should be evaluated carefully. Winding tensions should be kept at a minimum to help prevent the adhesive from oozing.

### Packaging:

Finished labels should be stored in plastic bags.

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## Special Considerations

For maximum bond strength, the surface should be clean and dry. Typical cleaning solvents are heptane and isopropyl alcohol.

**NOTE:** When using solvents, read and follow the manufacturer's precautions and directions for use.

For best bonding conditions, application surface should be at room temperature or higher. Low temperature surfaces, below 5°C can cause the adhesive to become so firm that it will not develop maximum contact with the substrate. Higher initial bonds can be achieved through increased rubdown pressure.

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Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.

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