



7713 Label Material

Destructible Thermal Transfer Clear Acetate Label Material

Product Data Sheet

Issued	:	July 2005 (Provisional)
Supersedes	:	April 2000

Physical Properties

Not for specification purposes
(Calipers are nominal values)

Facestock	56 micron Matte Clear Acetate
Adhesive	20 micron permanent, high tack, UV stable acrylic
Liner	77 micron, 90 g/m ² White Densified Glassine
Shelf Life	24 months from date of manufacture of product when properly stored between 22°C and 50% relative humidity.

Features:

- Destructible Acetate facestock prevents one piece removal of label from most surfaces.
- Facestock is topcoated for thermal transfer printing. Resin ribbons are recommended for optimum durability. The topcoat also provides improved ink anchorage for traditional forms of press printing.
- Permanent UV stable acrylic adhesive, formulated with high tack and high ultimate adhesion it is particularly suitable for non polar substrates.
- 90g/m² densified glassine liner assures consistent die cutting.

Application Ideas:

- Security Label for indoor applications
- Tamper indicating seal on a variety of containers
- Labelling requiring non-removability,
- Nameplates, identification markings, schematics, and instruction
- Panels for equipment and appliances.

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Performance Characteristics
 Not for specification purposes

Adhesive Performance	180° Peel Adhesion to Glass FINAT 1	Typically Film Tear
	Loop Tack to Glass FINAT 9	Typically Film Tear
Environmental Performance	Suitable for indoor, dry location use	
Temperature Range	Service temperature -40 to 90°C Minimum application temperature +5°C	

Processing

Printing:

Facestock is topcoated for improved ink receptivity and is designed for thermal transfer printing. It is printable by all standard roll processing methods including flexography, hot stamp, letterpress, and screen printing.

Die Cutting:

Rotary die cutting is 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.

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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