

**Material Specification Sheet**

Product:  
M-901

## Description:

A highly transparent 2 mil topcoated polyester film featuring excellent tear strength, heat resistance, dimensional stability and chemical resistance with a high performance, clear permanent solvent acrylic pressure sensitive adhesive with balanced adhesion to a wide variety of substrates and a bleached, super-calendered paper stock with very good diecutting and matrix stripping properties.

## Recommended Applications:

For applications including product identification labels, barcodes and rating plates, and WIP labels.

## Facestock:

A 2 mil clear topcoated polyester with a highly transparent film featuring excellent tear strength, heat resistance, dimensional stability and chemical resistance. Topcoat is designed to offer excellent printability and durability with a variety of printing processes.

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Caliper:	2.0	mil	ASTM D1000
Tensile: MD	31,200	psi	ASTM D882
CD	36,900	psi	ASTM D882

## Adhesive:

A high performance, clear permanent solvent acrylic pressure sensitive adhesive with balanced adhesion to a wide variety of substrates, including low surface energy plastics, engineering grade plastics, bare, coated or painted metals, including powder coat and enamel paints. It features medium tack for good short term repositionability, low ooze, and excellent chemical and UV resistance for outdoor industrial applications.

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Application temp:	+50°	Fahrenheit	
Service temp:	-40° to +302°	Fahrenheit	

## Liner:

A 50# bleached, super-calendered paper stock with very good diecutting and matrix stripping properties. Supplied with an Anti Block Coating (ABC) on the backside of the liner to control adhesive and label transfer to the backside of the liner in finished, would rolls. This liner should not be used in fanfold applications.

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Caliper:	3.2	mil	ASTM D1000
Tensile: MD	48	lb/in <sup>2</sup>	ASTM D882
CD	26	lb/in <sup>2</sup>	ASTM D882
Tear: MD	49.9	grams	TAPPI T414
CD	58.2	grams	TAPPI T414

## Shelf Life:

One year, under standard storage and humidity conditions

## PRODUCT DISCLAIMER

All labels and label material constructions are sold with the understanding that the purchaser has independently determined the suitability of each product for the application for which it is purchased. The seller disclaims any implied warranty of fitness of a product for a particular purpose. All materials should be tested thoroughly by the purchaser under end-user conditions to ensure they meet the requirements of a specific application.

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