

**Material Specification Sheet****Product:**

M-900

**Description:**

A clear polystyrene moisture resistant facestock with a water-based rubber resin permanent adhesive and a semi-bleached supercalendered white kraft liner.

**Recommended Applications:**

This material is recommended for demanding applications, especially those involving adhesion to certain plastics. Conforms with FDA 175.105 for indirect food contact, child toy safety and CONEG regulations.

**Facestock:**

A clear polystyrene moisture resistant film facestock. Not resistant to solvents or strong acids and not recommended for outdoor use. Print treated for ink adhesion.

		<u>Value</u>	<u>Units</u>
Caliper:		2.0	mil
Tensile:	MD	10,000	psi
	CD	10,000	psi

**Adhesive:**

A water-based rubber resin permanent adhesive that is very aggressive and will adhere to a variety of substrates.

		<u>Value</u>	<u>Units</u>
Minimum Application temp:		40	°F
Service temp:		-20 to +140	°F
Shear:		>120	minutes
Peel:			
Stainless Steel			
	73° for 30 min	39.5	oz/in
	73° for 24 hrs	44.6	oz/in
	158° for 1 week	45.1	oz/in
LDPE		25.5	oz/in
Loop Tack:		4.5	lbs/in <sup>2</sup>
Probe Tack:		1,100	grams
Static Peel:		1,330	minutes

**Liner:**

A semi-bleached supercalendered white kraft liner.

		<u>Value</u>	<u>Units</u>
Basis Weight:		40.538.6	lbs/ream
Caliper:		2.35	mil
Tensile:	MD	38	lbs/in
	CD	20	lbs/in
Tear:	MD	36	grams
	CD	41	grams
Opacity:		60	%

**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.

