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

M-981

**Description:**

A 2 mil white, opaque polyester featuring solvent based acrylic permanent adhesive and 50# SCK liner.

**Recommended Applications:**

This material is recommended for automotive labels, barcode labels, warning, instruction and service labels, power equipment labeling and engine labeling.

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**Facestock:**

A 2 mil white opaque polyester

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Caliper:	2.0	mil	
Tensile:	MD ≥130	N/mm <sup>2</sup>	ASTM D-882
	TD ≥ 150	N/mm <sup>2</sup>	ASTM D-882
Elongation:	MD ≥ 150	%	ASTM D-882
	TD ≥ 80	%	ASTM D-882
Gloss:	≥ 90	%	ASTM D-2457
Opacity:	> 80	%	ISO2471

**Adhesive:**

A solvent based acrylic permanent adhesive

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Minimum Application temp:	50	°F	
Service temp:	-40 to +248	°F	
Shear:	Medium	minutes	PSTC-107(SS)
Peel Adhesion:			
20 Minute	3.6	lbs/in	PSTC-101 (SS)
24 Hour	5/Tear	lbs/in	PSTC-101 (SS)
Loop Tack:	3.7	lbs/in <sup>2</sup>	PSTC-16 (SS)

**Liner:**

A 50# SCK liner

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Basis Weight:	53.0 ± 3.0	lbs/3000 sq ft.	
Caliper:	3.2 ± 0.3	mil	
Tensile:	MD >35	lbs/in	TAPPI T494
	CD >19	lbs/in	TAPPI T494
Tear:	MD >40	grams	TAPPI T414
	CD >42	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.