

Material Specification Sheet**Product:**

M-984

Description:

A high opacity 2 mil white polyester that is formulated and matched with a specialty resin thermal transfer ribbon to provide extremely high image durability while exposed to heat, humidity, ultraviolet light, chemicals and cleaning solutions, and a wide pH range.

Recommended Applications:

This material is recommended for roll label stock applications requiring superior adhesion to glass and potential exposure to severe environmental factors. The ribbon and label stock are matched to provide label longevity throughout harsh exposures.

Facestock:

A semi-gloss, white polyester film facestock.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Caliper:		2.0	mil	ASTM D-374
Tensile:	MD	13	kg/mm ²	ASTM D-882
	TD	15	kg/mm ²	ASTM D-882
Elongation:	MD	98	%	ASTM D-412
	TD	64	%	ASTM D-412
Surface Resistance:		10.5	log Ω	JIS K 6911
Opacity:		86.8	%	ASTM D-6216
Gloss:		16	%	ASTM D-245

Adhesive:

A permanent crosslinkable acrylic with excellent adhesion to low surface energy substrates, as well as resistance to moisture and solvents. Excellent when adhesion to glass is required.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Loop Tack:		4.7	lbs/in ²	PSTC-16(SS)
Peel Adhesion:				
	20 min	5.2	lbs/in	PSTC-101(SS)
	24 hr	6.1	lbs/in	PSTC-101(SS)
Shear Adhesion:		Medium		PSTC-107(SS)
Min. Application Temp:		50	°F	
Service Temp Range:		-40 to +248	°F	

Liner:

A 1.5 mil silicone coated clear polyester liner.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Caliper:		1.5	mil	ASTM D-374
Tear:	MD	10	kg/mm ²	ASTM D-1922
	TD	12	kg/mm ²	ASTM D-1922
Release:		40 (+/- 15)	grams	PSTC-4B

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.

