M-981

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Technical Data Sheet

Description:
A 2-mil white glossy opaque polyester facestock featuring a solvent based acrylic permanent adhesive and a 50# SCK liner.

Recommended Applications:
For automotive labels, barcode labels, warning, instruction and service labels, power equipment labels and engine labels.

Facestock:
A 2-mil white glossy opaque polyester facestock.

		Value	Units	Test Method
Caliper:		2.0	mil	
Tensile:	MD	≥130	N/mm^2	ASTM D-882
	TD	≥150	N/mm^2	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.

	Value	Units	Test Method
Minimum Application Temp:	50	°F	
Service Temp Range:	-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^2	PSTC-16(SS)

Liner:
A 50# SCK liner.

		Value	Units	Test Method
Basis Weight:		53	lbs/3000 sq ft	
Caliper:		3.2	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. For maximum product longevity, store out of direct sunlight and away from any fumes.

Product Disclaimer: Due to the variety of evolving technologies of OEMs, print engines, press capabilities and inks, all material constructions are sold with the understanding that the purchaser has independently tested and 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.