Material Specification Sheet

Product:
M-580

Description:
A flexible top coated vinyl facestock with a clear polyester permanent adhesive and a machine finished bleached kraft paper liner.

Recommended Applications:
This material is recommended for use as a drum label. Material passes British Standard 5609 (BS 5609:1986) section 2 testing for International Maritime Dangerous Goods (IMDG) certification.

Facestock:
A flexible, topcoated vinyl facestock. Please note that due to its highly filled topcoating, this facestock is not recommended for applications requiring the use of an overlaminate. Use of an overlaminate will cause a separation of the overlaminate from the facestock if the overlaminate is tampered with.

	Value	Units	Test Method
Caliper:	3.4	mil	ASTM D-374
Tensile: MD	3,500	lb/in^2	ASTM D-882
CD	3,000	lb/in^2	ASTM D-882

Adhesive:
A clear polyester permanent adhesive.

	Value	Units	Test Method
Application temp:	10°	Fahrenheit	
Service temp:	-40° to +300°	Fahrenheit	
Peel:			
Stainless Steel	4.1	lbs	
Aluminum	4.4	lbs	
Enamel Paint	3.9	lbs	
Polypropylene	4.3	lbs	
HDPE	4.6		
Loop Tack:			
Stainless Steel	2.77	lbs	

Liner:
A machine finished bleached kraft paper liner that has good back printability.

	Value	Units	Test Method
Basis Weight:	78	lbs/ream	
Caliper:	4.6	mil	ASTM D-374
Tensile: MD	33	lb/in2	ASTM D-882
CD	53	lb/in2	ASTM D-882
Tear: MD	60	grams	ASTM D-1922
CD	75	grams	ASTM D-1922

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.

CERTIFIED ISO 9001:2000 QUALITY