

Material Specification Sheet**Product:**

M-825

Description:

M-825 features a cross laminated facestock, a permanent, rubber-based, emulsion adhesive and a bleached, super calendered liner.

Recommended Applications:

This material adheres well to polypropylene, polyethylene and other low energy surfaces. It also complies with FDA regulation 21CFR175.105.

Facestock:

A 4 mil, chemical resistant, polyethylene film that is cross laminated to create a tear and notch resistant facestock. It portrays high strength and high density and is topcoated to create an image receptive surface for flash fusion laser and thermal transfer printing.

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Basis Weight	63/3,300	lbs/ft ²	TAPPI T-410
Caliper:	4.0	mils	TAPPI T-411
Tensile:	6,300	lbs/in	ASTM D 882
Tear:	3,800	grams	ASTM D 2582
Elongation:	100	% min	ASTM D 882

Adhesive:

A permanent, rubber-based emulsion adhesive that adheres very well to polypropylene, polyethylene and other low energy surfaces. It is also FDA compliant with regulation 21CFR175.105.

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Minimum Application temp:	40	°F	
Service temp:	-20 to +140	°F	
Thickness:	0.9	mils	
Loop Tack:	70	oz/in	TLMI
Shear 178°:	120	minutes	PSTC 7
Adhesion:	60	oz/in	Modified PSTC 1

Liner:

A bleached, super calendered kraft liner that displays high internal strength and tear resistance to make for great diecutting capabilities.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Basis Weight:		50/3,000	lbs/ft ²	TAPPI T-410
Caliper:		3.2	mils	TAPPI T-411
Tensile:	MD	45	lbs/in	TAPPI T-404
	CD	25	lbs/in	TAPPI T-404
Tear:	MD	52	grams	TAPPI T-414
	CD	57	grams	TAPPI T-414
Release:		35	g/2" width	Modified PSTC-4
Brightness:		78		TAPPI T-452

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.

