

Material Specification Sheet**Product:**

M-438

Description:

A direct thermal topcoated facestock with a permanent rubber based adhesive and a supercalendered kraft liner.

Recommended Applications:

This material is recommended for high speed wide web processing and can be used on many different substrates.

Facestock:

A direct thermal paper facestock that has an initial activation temperature of 185°F and an effective temperature of 280°F. This material is topcoated and has Federal Regulation Approval for toy safety, indirect food and heavy metals.

		<u>Value</u>	<u>Units</u>
Basis Weight		53	lbs/ream
Caliper:		3.2	mil
Tensile:	MD	20	lbs/in
	CD	13	lbs/in
Tear:	MD	40	grams
	CD	50	grams
Brightness:		89	%

Adhesive:

A general purpose, rubber based permanent adhesive that has high initial tack and ultimate adhesion. This material works with many different substrates and has great striping and die cutting properties. It has Federal Regulation Approval for heavy metals, indirect food and toy safety.

		<u>Value</u>	<u>Units</u>
Minimum Application temp:		35	°F
Service temp:		-65 to +220	°F
Shear:		80	minutes
180° Peel:			
	Stainless Steel	7.3	lb/in
	Glass	5.7	lb/in
	Polyethylene	6.5	lb/in
	Corrugated	7.2	lb/in
	Painted Metal	7.5	lb/in
Loop Tack:			
	Stainless Steel	5.00	lb/in ²

Liner:

A supercalendered kraft, smooth consistent surface liner with a silicone coating on a single side to create a controlled release. Because of its high internal strength, this liner is great for die cutting, butt cutting, line scoring and dispensing.

		<u>Value</u>	<u>Units</u>
Basis Weight:		40	lbs/ream
Caliper:		2.5	mil
Tensile:	MD	30	lbs/in
	CD	20	lbs/in
Tear:	MD	32	grams
	CD	34	grams

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.

