

Material Specification Sheet**Product:**

M-512

Description:

A direct thermal paper facestock with a permanent latex 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 medium sensitivity and is not topcoated. It has an initial activation temperature of 185°F and an effective temperature of 280°F. This material has Federal Regulation Approval for indirect food, toy safety and heavy metals.

	<u>Value</u>	<u>Units</u>
Basis Weight	47	lbs/ream
Caliper:	3.25	mil
Tear:	43	grams
MD	50	grams
CD	85	%
Brightness:		

Adhesive:

A general purpose permanent latex 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:	-64 to +220	°F
Shear:	80	minutes
180° Peel:		
Stainless Steel	7.5	lb/in
Glass	5.9	lb/in
Polyethylene	6.7	lb/in
Corrugated	7.5	lb/in
Painted Metal	7.7	lb/in
Loop Tack:		
Stainless Steel	5.20	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:	34	lbs/in
MD	22	lbs/in
CD	32	grams
Tear:	34	grams
MD		
CD		

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.

