

**Material Specification Sheet****Product:**

M-105

**Description:**

A direct thermal paper facestock with a permanent adhesive and a supercalendered kraft paper liner.

**Recommended Applications:**

This material is recommended for high speed wide web processing and has the opacity for cover up applications.

**Facestock:**

A direct thermal paper facestock. This material is not topcoated and has Federal Regulation Approval for indirect food and heavy metals.

		<u>Value</u>	<u>Units</u>
Basis Weight		119	lbs/ream
Caliper:		6.90	mil
Tensile:	MD	60	lbs/in
	CD	32	lbs/in
Tear:	MD	150	grams
	CD	160	grams
Brightness:		88	%

**Adhesive:**

A general purpose, opaque, 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 ACTS Approval as well as 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 <sup>2</sup>

**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.

