

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

M-304

**Description:**

A thermal transfer, multi-purpose facestock with a cold temp, acrylic adhesive and a densified white kraft liner.

**Recommended Applications:**

This material is recommended for general purpose labeling &amp; applications that require FDA 21CFR175.105 compliance.

**Facestock:**

A thermal transfer multi-purpose facestock coated for enhanced flexo graphics.

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>	
Basis Weight	44	lbs/ream	TAPPI T410	
Caliper:	2.85	mil	TAPPI T411	
Tensile:	MD	26	lbs/in	TAPPI T494
	CD	17	lbs/in	TAPPI T494
Tear:	MD	42	grams	TAPPI T414
	CD	42	grams	TAPPI T414
Brightness:	86.5	%	TAPPI T452	
Opacity:	87	%	TAPPI T425	

**Adhesive:**

A cold temp general purpose acrylic adhesive that is FDA 21 CFR 175.105 compliant.

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Minimum Application temp:	-20	°F	
Service temp:	-65 to +180	°F	
Shear:	0.2	hours	CPD-55
180° Peel:			
Stainless Steel 20 min	1.5	lb/in	CPD-52
Glass 20 min	1.7	lb/in	CPD-52
HDPE 20 min	1.0	lb/in	CPD-52
Corrugated 20 min	0.6	lb/in	CPD-52
LDPE 20 min	1.1	lb/in	CPD-52
Loop Tack:			
Stainless Steel	44	oz/in <sup>2</sup>	CPD-16
HDPE	35	oz/in <sup>2</sup>	CPD-16
LDPE	29	oz/in <sup>2</sup>	CPD-16
Corrugated	14	oz/in <sup>2</sup>	CPD-16

**Liner:**

A densified white kraft liner with great caliper control.

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>	
Basis Weight:	41	lbs/ream	TAPPI T 410	
Caliper:	2.4	mil	TAPPI T411	
Tensile:	MD	40	lbs/in	TAPPI T494
	CD	17	lbs/in	TAPPI T494
Tear:	MD	34	grams	TAPPI T414
	CD	39	grams	TAPPI T414
Opacity:	60	%	TAPPI T425	

**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.

