

Material Specification Sheet**Product:**

M-251

Description:

A matte white paper facestock with a pressure sensitive hot melt adhesive and a 2.5 mil densified kraft sheet liner.

Recommended Applications:

This material is recommended for inkjet label applications.

Facestock:

A matte white paper inkjet facestock that delivers vibrant graphics, realistic colors and crisp clean text.

	<u>Value</u>	<u>Units</u>
Basis Weight	24	lbs/ream
Caliper:	4.4	mil
Brightness:	96	%
Opacity:	96	%

Adhesive:

A pressure sensitive, hot melt adhesive that features excellent adhesion to a wide variety of substrates. It is also tailored for use in high speed die cutting applications. The dry film components comply with the compositional requirements of the FDA Indirect Food Additive Regulation 21 CFR 175.05 "Adhesives".

	<u>Value</u>	<u>Units</u>
Min. Application Temp:	35	°F
Service Temp:	0 to +140	°F
SAFT:	147	°F
Shear: 2.2 psi @ 72°F	141	hours
4.4 psi @ 72°F	17	hours
180° Peel:		
Stainless Steel		
20 min	91	ozf/in
24 hours	92	ozf/in
1 week @ RT	93	ozf/in
1 week @ 158°F	89	ozf/in
1 week @ 95°F/95%RH	92	ozf/in
HDPE		
20 min	68	ozf/in
24 hours	86	ozf/in
1 week @ RT	-	
1 week @ 158°F	-	
1 week @ 95°F/95%RH	-	
Loop Tack:		
Stainless Steel	100	ozf/in
HDPE	57	ozf/in

Liner:

A 2.5 mil densified kraft sheet liner. It is manufactured in accordance with FDA 21 CFR part 176 for indirect food contact and has no optical brighteners added.

		<u>Value</u>	<u>Units</u>
Basis Weight:		40	lbs/3000 sq ft
Caliper:		2.40	mil
Tensile:	MD	40	lbs/in
	CD	18	lbs/in
Tear:	MD	30	grams
	CD	35	grams
Moisture:		4.5	%
Opacity:		62.5	TAPPI, 89% backing
Gloss:	Smooth	50	TAPPI
	Back	45	TAPPI
PPS:	Smooth	1.8	micrometer
	Back	2.0	micrometer

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.

