
Material Specification Sheet**Product:**

M-255

Description:

A lightweight grade, matte white paper Inkjet facestock with a pressure sensitive adhesive and a 2.5 mil densified kraft liner.

Recommended Applications:

This material is recommended for Inkjet labels printed on an aqueous dye Memjet hybrid press when used with GDC specified UV cured topcoats.

Facestock:

A lightweight grade, matte white paper Inkjet facestock designed for pressure sensitive applications. The coatings provide a good surface for flexographic pre-printing and features high strength for fast matrix stripping at a lower basis weight to allow for improved yield.

	<u>Value</u>	<u>Units</u>
Basis Weight	38	lbs/3000 ft ²
Caliper:	2.80	mil
Tensile: CD	17	lbs/in
Tear: MD	42	grams
Brightness:	86	%
Smoothness:	2.5	5S. PPS
Opacity:	7	%

Adhesive:

A pressure sensitive adhesive that exhibits excellent adhesion to a wide variety of substrates. It is tailored for use in high speed die cutting applications and is designed for general purpose paper labels. It complies with FDA Indirect Food Additive Regulation 21 CFR 175.05 "Adhesives".

	<u>Value</u>	<u>Units</u>
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 that is designed for use as a high-performance release base. It is low-ash and dual-side functional and has exceptional lay flat properties when silicone coated due to its compatibility with a variety of catalysts and silicone systems. 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 Side 50	TAPPI
	Backside 45	TAPPI
PPS:	Smooth Side 1.8	PPS
	Backside 2.0	PPS

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.

