

Material Specification Sheet**Product:**

M-501

Description:

A white, semi-gloss sheet specially engineered for use in on-demand ink jet printers utilizing water-based dye and pigment ink technology, with a versatile, general purpose permanent adhesive and a white uncoated kraft paper liner with good layflat and exceptional printability.

Recommended Applications:

This material is recommended for printing variable information or prime labels with full color graphics, as well as applications where adhesion to corrugated cardboard and superior adhesion to plastic are required.

Facestock:

A white, semi-gloss sheet specifically engineered for use in on-demand ink jet printers utilizing water-based dye and pigment ink technology.

	<u>Value</u>	<u>Units</u>
Basis Weight:	64	lbs/ream
Caliper:	4.0	mil
Tensile: MD	60	lb/in
CD	12	lb/in
Tear: MD	60	grams
CD	84	grams
Stiffness: MD	184	mg
CD	75	mg

Adhesive:

A versatile, general purpose permanent adhesive designed for excellent adhesion to corrugated cardboard and superior adhesion to plastics. Meets requirements for FDA 21 CFR 175.105.

	<u>Value</u>	<u>Units</u>
Application temp:	+25°	Fahrenheit
Service temp:	-65° to +200°	Fahrenheit
Peel:		
Corrugated	0.6 – 0.8	lbs
HDPE	1.1 – 1.6	lbs
LDPE	1.2 – 1.6	lbs
PVC Film	2.5 – 2.7	lbs
Glass	1.9	lbs
Loop Tack:		
Corrugated	0.8 – 1.1	lbs
HDPE	1.6 – 2.4	lbs
LDPE	1.1 – 1.6	lbs
PVC Film	2.1	lbs
Glass	3.1 – 3.3	lbs

Liner:

A 41# white uncoated kraft paper liner with good layflat and exceptional printability

	<u>Value</u>	<u>Units</u>
Basis Weight:	40.5	lbs/ream
Caliper:	2.72	mil
Tensile: MD	32	lb/in
CD	14	lb/in
Tear: MD	46.9	grams
CD	54	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.

