

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

M-597

**Description:**

A semi-gloss bright, blue white, supercalendered paper facestock and an all-temperature adhesive with excellent cold and good room temperature performance.

**Recommended Applications:**

With the facestock's gray, opaque barrier coating, and adhesive featuring good adhesion to corrugated in cold temperature, this material works well in warehouse and cover up labeling applications. Adhesive complies with FDA 175.105, covering applications where incidental contact between food and adhesive could occur.

**Facestock:**

A semi-gloss bright, blue white, supercalendered paper with a grey, opaque barrier. Facestock is designed to print well with water-based flexo, UV flexo and UV letterpress inks, between low- and high-end process printing.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Caliper:		3.1	mil	ASTM D-374
Tensile:	MD	35	lb/in <sup>2</sup>	ASTM D-882
	CD	19	lb/in <sup>2</sup>	ASTM D-882
Tear:	MD	47	grams	ASTM D-1922
	CD	46	grams	ASTM D-1922

**Adhesive:**

An all-temperature adhesive with excellent cold and good room temperature performance. Features excellent adhesion to corrugated, and complies with FDA 175.105, covering incidental contact between food and adhesive.

		<u>Value</u>	<u>Units</u>
Application temp:		-20°	Fahrenheit
Service temp:		-65° to +200°	Fahrenheit
Peel:			
	Stainless Steel	2.2 – 3.0	lbs
	HDPE	1.1 – 2.1	lbs
	Polypropylene	1.8 – 2.4	lbs
	Corrugated	1.1 – 2.1	lbs
	Glass	1.1 – 2.0	lbs
Loop Tack:			
	Stainless Steel	2.7	lbs
	HDPE	2.4	lbs
	Polypropylene	2.9	lbs
	Corrugated	1.6	lbs
	Glass	2.9	lbs

**Liner:**

A 40#, 2.5 mil supercalendered kraft liner.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Caliper:		2.4	mil	ASTM D-374
Tensile:	MD	40	lb/in <sup>2</sup>	ASTM D-882
	CD	14.8	lb/in <sup>2</sup>	ASTM D-882
Tear:	MD	34.7	grams	ASTM D-1922
	CD	41.8	grams	ASTM D-1922

**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.

