

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

M-514

**Description:**

A high gloss, blue-white, mirrored facestock with a cold temp, emulsion acrylic adhesive and a bleached, supercalendered liner.

**Recommended Applications:**

This material is suitable for letterpress, offset, gravure and water and UV flexographic printing application. It is not recommended for water immersion applications. It exhibits very high initial tack and excellent adhesion to a variety of substrates including corrugated, rigid plastics, films, glass, and painted metal. It offers good die-cutting and stripping characteristics.

**Facestock:**

A high gloss, blue-white, mirrored, smooth material with an excellent finish that lends to great ink receptivity and maximum toner anchorage. Compliant with the following; CONEG, CPSIA, FDA 21 CFR 176.170, REACH, RoHS and California Proposition 65.

	<u>Value</u>	<u>Units</u>
Basis Weight	57.4	lbs
Caliper:	3.7	mils
Tensile:	MD 25	lbs
	CD 12	lbs
Tear:	MD 40	grams
	CD 35	grams
Opacity:	90	%
Brightness:	87	%

**Adhesive:**

An emulsion acrylic, permanent, cold temp, adhesive with a gray blockout. It features great die-cutting and stripping characteristics with high initial tack and excellent adhesion to a variety of substrates including corrugated, ridged plastics, films, glass and painted metal.

	<u>Value</u>	<u>Units</u>
Minimum Application temp:	25	°F
Service temp:	-10 to +200	°F

**Liner:**

A bleached, supercalendered liner that features excellent die-cutting and stripping properties and great back printability. This liner is recommended for roll-to-roll applications. Compliant with the following; ASTM F963 Child Toy Safety, CONEG, REACH, RoHS.

	<u>Value</u>	<u>Units</u>
Basis Weight:	44.7	lbs
Caliper:	2.5	mils
Tensile:	MD 34	lbs
	CD 22	lbs
Tear:	MD 32	grams
	CD 34	grams
Opacity:	65	%
Brightness:	78	%
Gloss:	48	%

**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.

