

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

M-516

**Description:**

M-516 features a white, biaxially-oriented facestock with a removable adhesive and a bleached, calendered liner.

**Recommended Applications:**

This material is great for applications that involve edge-punching, fan-folding and perforating. Its dual coating makes it great for thermal transfer printing.

**Facestock:**

A white, biaxially-oriented, mineral-filled polypropylene film that features high durability, strength and printability. With a print receptive matte coating on one side and a glass coating on the other, this facestock has great thermal transfer printability. The outdoor durability of this material is roughly 3 to 6 months, taking into account unique climate conditions.

		<u>Value</u>	<u>Units</u>
Basis Weight		42.5/3300	lbs/ft <sup>2</sup>
Caliper:		3.0	mils
Tensile:	MD	18,490	psi
	CD	27,023	psi
Opacity:		87	%
Elongation:	MD	128	%
	TD	43	%
Gloss:	Matte	17	%
	Gloss	65	%

**Adhesive:**

A general purpose, removable adhesive that displays a moderate amount of tack. When applied to smooth surfaces over a long period of time or when used with a paper facestock, this adhesive can perform as a permanent adhesive.

		<u>Value</u>	<u>Units</u>
Minimum Application temp:		40	°F
Service temp:		-40 to +200	°F
Coat Weight:		15/3,300	lbs/ft <sup>2</sup>
Caliper:		0.6	mils
Shear:		15	minutes
Loop Tack:		41	oz
Adhesion to Stainless Steel:		22	oz

**Liner:**

A bleached, calendered liner compatible with high tensile and tear qualities which makes it ideal for perforating, fan-folding and edge-punching applications.

		<u>Value</u>	<u>Units</u>
Basis Weight:		53/3,000	lbs/ft <sup>2</sup>
Caliper:		3.2	mils
Tensile:	MD	48	lbs/in
	CD	26	lbs/in
Tear:	MD	45	grams
	CD	51	grams
Opacity:		74	%

**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.

