

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

M-531

**Description:**

A biaxially oriented film with an acrylic topcoat facestock, and a clear, general purpose, emulsion acrylic permanent adhesive.

**Recommended Applications:**

Recommended for use on small, cylindrical labeling applications.

**Facestock:**

A biaxially oriented film with an acrylic top coat facestock designed to have excellent flexographic print receptivity. Facestock is also capable of being printed thermal transfer printed with the appropriate ribbon.

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Basis Weight:	31.5	lbs/3300 ft <sup>2</sup>	
Caliper:	2.0	mil	ASTM D-374
Tensile:	MD 30,450	psi	ASTM D-882
	CD 24,650	psi	ASTM D-882
Elongation:	MD 80	%	ASTM D-412
	CD 100	%	ASTM D-412
Haze:	2.5	%	

**Adhesive:**

A clear, general purpose, emulsion acrylic permanent adhesive specifically designed for applications with film facestocks, with excellent adhesion to polyethylene, polypropylene and glass.

	<u>Value</u>	<u>Units</u>
Application temp:	40°	Fahrenheit
Service temp:	-40° to +200°	Fahrenheit
Caliper:	0.6	mils
Shear:	258	minutes
90° Peel:	26	oz
Loop Tack:	54	oz

**Liner:**

50#, 2.45 mil bleached supercalendered kraft liner.

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Basis Weight:	42	lbs/3000 ft <sup>2</sup>	
Caliper:	2.5	mil	ASTM D-374
Tensile:	MD 37	lb/in	ASTM D-882
	CD 20	lb/in	ASTM D-882
Tear:	MD 36	grams	ASTM D-1922
	CD 39	grams	ASTM D-1922
Opacity:	63	%	

**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.

