

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

M-387

**Description:**

This piggyback construction features a white, mineral-filled, biaxially-oriented polypropylene (BOPP) film with a special print-receptive matte coating on one side and a satin gloss finish on the other side, a clear, general purpose, emulsion acrylic permanent adhesive that is well suited for small, cylindrical labeling for glass and synthetic substrates, a 40#, bleached, super calendered kraft liner, then a cold temperature, rubber-based permanent adhesive and finally a 50# bleached, super calendered kraft liner.

**Recommended Applications:**

This material is recommended for a variety of piggyback labeling applications requiring excellent thermal transfer printability.

**Facestock:**

A white, mineral-filled, biaxially-oriented polypropylene film facestock.

	<u>Value</u>	<u>Units</u>
Basis Weight	42.5	lbs/3300 ft <sup>2</sup>
Caliper:	3.0	mil
Tensile: MD	18,490	psi
CD	27,023	psi
Opacity:	87	%

**Adhesive:**

A clear, general purpose, emulsion acrylic permanent (complies with FDA 21 CFR175.105 for indirect food contact)

	<u>Value</u>	<u>Units</u>
Minimum Application temp:	40	°F
Service temp:	-40 to +200	°F
Loop Tack:	54	oz
Caliper:	0.6	mil

**Liner:**

A 40#, 2.45 mil, bleached, super calendered kraft liner.

	<u>Value</u>	<u>Units</u>
Basis Weight:	42	lbs/3300 ft <sup>2</sup>
Caliper:	2.45	mil
Tensile: MD	37	lbs/in
CD	20	lbs/in
Tear: MD	36	grams
CD	39	grams
Opacity:	63	%

**Adhesive:**

A cold temperature, rubber-based permanent adhesive.

	<u>Value</u>	<u>Units</u>
Minimum Application temp:	10	°F
Service temp:	-50 to +120	°F
Loop Tack:	110	oz
Caliper:	0.6	mil

**Liner:**

A 50#, 3.2 mil, bleached, super calendered kraft liner.

		<u>Value</u>	<u>Units</u>
Basis Weight:		54	lbs/3300 ft <sup>2</sup>
Caliper:		3.2	mil
Tensile:	MD	46	lbs/in
	CD	25	lbs/in
Tear:	MD	55	grams
	CD	60	grams
Opacity:		73	%

**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.

