

Material Specification Sheet**Product:**

M-660

Description:

A white, heat set, biaxially-oriented, coextruded polypropylene film with a permanent adhesive and a supercalendered bleached paper stock.

Recommended Applications:

This UL approved material is recommended for lead-acid vehicle battery labeling if combined with an appropriately qualified self-wound polypropylene overlaminates to pass typical end user battery acid test protocols. It is also recommended for other general purpose film label and nameplate applications that require a very aggressive adhesive.

Facestock:

A 2.3 mil white, heat set, biaxially-oriented, coextruded polypropylene film featuring a bright, high gloss background and good opacity. It has good die cutting and dispensing characteristics due to its excellent moisture resistance. The surface has been top coated to give superior printability by gravure, letterpress, silkscreen, and flexographic processes using a variety of different inks.

		<u>Value</u>	<u>Units</u>
Caliper:		0.0023	inches
Tensile:	MD	26,825	psi
	CD	22,475	psi

Adhesive:

A permanent adhesive with a highly aggressive acrylic tackified emulsion that allows it to have high adhesion to a wide variety of substrates including low surface energy substrates like HDPE, polypropylene, and LDPE.

		<u>Value</u>	<u>Units</u>
Caliper:		0.0008	inches
Minimum Application temp:		30	°F
Service temp:		-40 to +320	°F
Loop Tack:			
	Stainless Steel	76.5	oz/in

Liner:

A supercalendered bleached paper stock that features good die cutting and matrix stripping properties. Used for standard roll-to-roll applications and not recommended for sheeting.

		<u>Value</u>	<u>Units</u>
Caliper:		0.0032	inches
Basis Weight:		54.5	lbs/ream
Tensile:	MD	48	lbs/in
	CD	26	lbs/in
Tear:	MD	1.8	oz
	CD	2.1	oz
Release:			
	90°	400	inches/minute
		50	grams/2" width

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.

