

## Material Specification Sheet

Product:  
M-478

Description:

A white, coated two-side, anti-static multi-layer biaxially-oriented polypropylene (BOPP) film with a general purpose, rubber-based permanent adhesive and a 40#, 2.5 mil, super calendered release kraft liner.

Recommended Applications:

Suitable for a variety of demanding barcode and labeling applications, including those requiring compliance with Federal Regulations for heavy metals, toy safety and/or indirect food contact.

Facestock:

White, coated two-side, anti-static multi-layer biaxially-oriented polypropylene film

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Caliper:	3.0	mil	ASTM D-374
Tensile: MD	13,000	lb/in <sup>2</sup>	ASTM D-882
CD	25,000	lb/in <sup>2</sup>	ASTM D-882
Opacity:	83	percent	ASTM D-6216

Adhesive:

General purpose, rubber-based permanent

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Application temp:	+25°	Fahrenheit	
Service temp:	-65° to +200°	Fahrenheit	

Liner:

40#, 2.5 mil, super calendered release kraft

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Caliper:	2.5	mil	ASTM D-374
Tensile: MD	39	lb/in <sup>2</sup>	ASTM D-882
CD	19	lb/in <sup>2</sup>	ASTM D-882
Tear: MD	42	grams	ASTM D-1922
CD	44	grams	ASTM D-1922

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.

