

Material Specification Sheet**Product:**

M-471

Description:

M-471 features a smooth bright white direct thermal paper designed to resist the contaminants from the Grocery and Industrial labeling markets, with a general purpose permanent adhesive and a bleached super-calendered kraft stock liner.

Recommended Applications:

This label is designed as a general purpose product, suitable for use in a wide variety of direct thermal printers. It provides resistance to water, blood, fats, oils and plasticizers. Some recommended applications include deli weighscale labels, bakery labels, carton/shipping labels and address labels.

Facestock:

The smooth bright white direct thermal paper features a medium-sensitivity thermal coating. It resists a variety of contaminants, including water, blood, fat, PVC's and oils. It is capable to be run through a wide range of printers.

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Caliper:	0.0030	inches ±10%	ASTM D-374
Tensile: MD	25	lb/in ²	ASTM D-882
CD	15	lb/in ²	ASTM D-882
Tear: MD	50	grams	ASTM D-1922
CD	60	grams	ASTM D-1922

Adhesive:

The general purpose permanent adhesive is extremely versatile, designed to adhere to corrugated and plastics. The high initial tack doesn't sacrifice high speed converting. It also meets the FDA 21 CFR 175.105 for indirect food contact.

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Application temp:	25°	Fahrenheit	
Service temp:	-65° to +200°	Fahrenheit	
Loop Tack:	0.8-1.1	lbs	Corrugated
Peel Adhesion:	0.6-0.8	lbs	Corrugated

Liner:

40#, bleached super-calendered kraft stock liner with high internal strength, toughness and tear resistance.

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Caliper:	0.0025	inches ±10%	ASTM D-374
Tensile: MD	38	lb/in ²	ASTM D-882
CD	20	lb/in ²	ASTM D-882
Tear: MD	36	grams	ASTM D-1922
CD	41	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.

