

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

M-483

**Description:**

A general-purpose top-coated direct thermal paper facestock with a general-purpose acrylic adhesive and a bleached kraft liner.

**Recommended Applications:**

This material is recommended for small, cylindrical labeling and is glove friendly. This product is ideal for winding labels onto small cores or converting small die cut patterns.

**Facestock:**

A general-purpose direct thermal paper designed to cover a wide range of applications like industrial and weigh scale applications. It is top coated to resist water, oil, and other chemicals and offers good heat and light resistance.

	<u>Value</u>	<u>Units</u>
Basis Weight	49.3	lbs/3300 ft <sup>2</sup>
Caliper:	3.2	mil
Tensile: MD	25	lbs/in
CD	15	lbs/in
Tear: MD	45	grams
CD	47	grams
Brightness:	90	%
Opacity:	82	%
Sheffield Smoothness:	43	SFU
Parker Print:	2.23	microns

**Adhesive:**

A general purpose, acrylic adhesive that features ultimate adhesion to a wide range of substrates and excellent die cutting characteristics.

	<u>Value</u>	<u>Units</u>
Coat Weight:	15	lbs/3300 ft <sup>2</sup>
Coat Weight:	22.2	grams/m <sup>2</sup>
Caliper:	0.6	mil
Minimum Application temp:	40	°F
Service temp:	-40 to +200	°F
Shear:	340	minutes
90° Peel:		
Stainless Steel	49	oz
Loop Tack:	53	oz

**Liner:**

A bleached kraft liner that features excellent stripping and die cutting characteristics.

	<u>Value</u>	<u>Units</u>
Basis Weight:	39.6	lbs/3000 ft <sup>2</sup>
Caliper:	2.5	mil
Tensile: MD	35	lbs/in
CD	15	lbs/in
Tear: MD	42	grams
CD	48	grams
Opacity:	64	%

**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.

