

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

M-550

**Description:**

A top coated high-density tamper-evident polyethylene thermal transfer facestock with a very aggressive water-based rubber resin permanent adhesive and a semi bleached supercalendered white kraft liner.

**Recommended Applications:**

This material is recommended for tamper-evident / security applications or applications requiring a deconstruct design or FDA 21 CFR 175.105 approval.

**Facestock:**

A top coated high-density tamper-evident polyethylene thermal transfer facestock.

		<u>Value</u>	<u>Units</u>
Basis Weight		41	lbs/ream
Caliper:		4.1	mil
Tensile:	MD	5,220	psi
	CD	3,915	psi
Brightness:		90	%
Opacity:		90	%

**Adhesive:**

A very aggressive water-based rubber resin permanent adhesive.

		<u>Value</u>	<u>Units</u>
Minimum Application temp:		20	°F
Service temp:		-20 to +220	°F
Shear:		>120	minutes
Peel:			
Stainless Steel			
	73° for 30 min	39.5	oz/in
	73° for 24 hr	44.6	oz/in
	158° for 1 week	45.1	oz/in
LDPE			
	73° for 30 min	25.5	oz/in
Loop Tack:		4.5	lbs/in <sup>2</sup>

**Liner:**

A semi bleached supercalendered white kraft liner.

		<u>Value</u>	<u>Units</u>
Basis Weight:		38.6	lbs/ream
Caliper:		2.5	mil
Tensile:	MD	38	lbs/in
	CD	20	lbs/in
Tear:	MD	36	grams
	CD	41	grams

**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.

