

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

M-431

**Description:**

A non-top coated smooth bright white paper facestock with a general-purpose permanent adhesive and a bleached calendered kraft liner.

**Recommended Applications:**

This material is recommended for dry applications and is suitable for a wide variety direct thermal label printers.

**Facestock:**

A non-top coated smooth bright white paper facestock that has a high sensitivity thermal coating.

		<u>Value</u>	<u>Units</u>
Basis Weight		50.7	lbs/ream
Caliper:		3.3	mil
Tensile:	MD	34	lbs/in
	CD	14	lbs/in
Tear:	MD	48	grams
	CD	53	grams
Stiffness:	MD	100	mg
	CD	48	mg

**Adhesive:**

A general-purpose permanent adhesive that meets the requirements of FDA CFR 175.105.

		<u>Value</u>	<u>Units</u>
Minimum Application temp:		30	°F
Service temp:		-65 to +200	°F
Peel:			
	Corrugated	0.9 – 1.5	lbs
	HDPE	1.6 – 2.0	lbs
	LDPE	1.3 – 1.7	lbs
	PVC Film	1.9 – 2.3	lbs
	Glass	1.8 – 2.2	lbs
Loop Tack:			
	Corrugated	0.9 – 1.3	lbs
	HDPE	2.1 – 2.6	lbs
	LDPE	2.1 – 2.4	lbs
	PVC Film	2.3 – 2.7	lbs
	Glass	3.6 – 4.2	lbs

**Liner:**

A bleached calendered kraft liner.

		<u>Value</u>	<u>Units</u>
Basis Weight:		39.1	lbs/ream
Caliper:		2.40	mil
Tensile:	MD	35.6	lbs/in
	CD	13.9	lbs/in
Tear:	MD	34.3	grams
	CD	44.7	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.

