

Material Specification Sheet**Product:**

M-464

Description:

A smooth, bright white facestock with a high sensitivity thermal coating, with an all-temperature adhesive which provides excellent cold temperature performance and good room temperature performance.

Recommended Applications:

Recommended for use in warehouses, due to excellent adhesion to corrugated and its cold temperature properties. Complies with FDA 175.105, covering applications where incidental contact between food and adhesive could occur.

Facestock:

A smooth, bright white paper facestock with a high sensitivity thermal coating. It is designed for use in low voltage printheads to reduce wear and is ideal for use in high-speed thermal printers.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Caliper:		3.2	mil	ASTM D-374
Tensile:	MD	27.48	lb/in ²	ASTM D-882
	CD	17.00	lb/in ²	ASTM D-882
Tear:	MD	40.67	lb/in ²	ASTM D-1922
	CD	40.77	lb/in ²	ASTM D-1922
Stiffness:	MD	71.72	mg	TAPPI T-543
	CD	42.53	mg	TAPPI T-543

Adhesive:

An all-temperature adhesive which provides excellent cold temperature performance and good room temperature performance. Complies with FDA 175.105, covering applications where incidental contact between food and adhesive could occur.

		<u>Value</u>	<u>Units</u>
Application temp:		-20°	Fahrenheit
Service temp:		-65° to +200°	Fahrenheit
Peel:			
	Stainless Steel	1.6 – 3.1	lbs
	HDPE	0.8 – 1.0	lbs
	Polypropylene	1.4 – 2.1	lbs
	Corrugated	1.0 – 1.4	lbs
	Glass	1.1 – 2.0	lbs
Loop Tack:			
	Stainless Steel	2.7	lbs
	HDPE	1.9	lbs
	Polypropylene	2.2	lbs
	Corrugated	1.8	lbs
	Glass	2.9	lbs

Liner:

40#, 2.45 mil bleached super-calendered kraft liner.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Basis Weight:		40.5	lbs/ream	
Caliper:		2.4	mil	ASTM D-374
Tensile:	MD	40	lb/in	ASTM D-882
	CD	14.8	lb/in	ASTM D-882
Tear:	MD	34.7	grams	
	CD	41.8	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.

