

Material Specification Sheet**Product:**

M-212

Description:

This label material features a bright white, uncoated facestock, general purpose permanent rubber based adhesive and a 40 pound bleached super-calendered kraft stock liner.

Recommended Applications:

M-212 is in compliance with FDA title 21, section 175.105 of the Code of Federal Regulations (21 CFR 175.105) relating to indirect adhesive to food contact.

Facestock:

The facestock for this material is bright white, ultra smooth paper. Designed to be used in thermal transfer printers, this material contains a high degree of smoothness for print quality, and absorptivity and abrasion resistance.

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Basis Weight:	49.3	lbs/ream $\pm 10\%$	
Caliper:	0.0028	inches $\pm 10\%$	ASTM D-374
Tensile: MD	30	lb/in ²	ASTM D-882
CD	16	lb/in ²	ASTM D-882
Tear: MD	43	grams	ASTM D-1922
CD	45	grams	ASTM D-1922

Adhesive:

The adhesive is a general purpose permanent rubber based adhesive. It was designed with high initial tack with ultimate adhesion. This adhesive is in compliance with FDA title 21, section 175.105 of the Code of Federal Regulations (21 CFR 175.105).

	<u>Value</u>	<u>Units</u>
Application temp:	40°	Fahrenheit
Service temp:	-65° to +160°	Fahrenheit
Loop Tack:		
Stainless Steel	6.2	lbs
HDPE	4.3	lbs
Polypropylene	4.5	lbs
Glass	6.0	lbs
Peel:		
Stainless Steel	3.0	lbs
HDPE	2.2	lbs
Polypropylene	3.0	lbs
Glass	2.6	lbs

Liner:

The bleached super calendered kraft stock liner features high internal strength, toughness and tear resistance. This material is used primarily for roll-to-roll label applications.

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Basis Weight:	42	lbs/ream $\pm 10\%$	
Caliper:	0.0025	inches $\pm 10\%$	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

