

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

M-305

**Description:**

A topcoated, biaxially oriented, white facestock with a cold temp, permanent, rubber-based adhesive and a semi-bleached, calendared liner.

**Recommended Applications:**

This material is recommended for applications in the following industries; beverages, food, household, cleaners, cosmetic and also in durable applications such as rigid and semi-rigid containers. M-305 may be used for processed, frozen, dried and partially dehydrated food as well as raw fruits and vegetables.

**Facestock:**

A topcoated, polypropylene, white, opaque facestock that is designed for smooth printing, converting and label dispensing. It has excellent adhesion and print receptivity across many print methods including thermal transfer, hot stamp, UV flexo, UV inkjet and water flexo.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Caliper:		0.0023 ± 10%	in	ASTM D2103
Tensile:	MD	14	lbs/in	ASTM D882
	CD	80	lbs/in	ASTM D882
Elongation:	MD	12	%	ASTM D1922
	CD	45	%	ASTM D1922

**Adhesive:**

A cold temp, permanent, rubber-based adhesive with excellent tack and ultimate adhesion to a multitude of surfaces including most packaging films.

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Minimum Application temp:	20	°F	CTM #45
Service temp:	-65 to +160	°F	CTM #45
Thickness:	0.0007 ± 10%	in	
Peel Adhesion:			
Stainless Steel	2.7	lb/in	PSTC-1; 30 min applied
HDPE	1.8	lb/in	PSTC-1; 30 min applied
Corrugate	1.3	lb/in	PSTC-1; 30 min applied
Loop Tack:			
Stainless Steel	4.8	lb/in	CTM-25
Corrugate	2.3	lb/in	CTM-25
HDPE	3.2	lb/in	CTM-25

**Liner:**

A semi-bleached, calendared kraft liner, great for cutting, stripping and label dispensing in roll-to-roll applications.

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Basis Weight:	40 ± 10%	lbs	TAPPI T-410
Caliper:	0.00245 ± 10%	in	TAPPI T-411

**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.

