

Material Specification Sheet**Product:**

M-947

Description:

A highly water soluble facestock, acrylic adhesive with a supercalendered, bleached liner.

Recommended Applications:

Used primarily for roll-to-roll label applications. This product is recommended for re-usable plastic food containers. It is designed with a wash away adhesive that allows it to completely dissolve in seconds using normal tap water.

Facestock:

A 37# off-white, supercalendered sheet that is highly water soluble and dissolves quickly in tap water.

		<u>Value</u>	<u>Units</u>
Basis Weight		37	lbs per ream
Caliper:		0.0032	in
Tensile:	MD	8.1	lbs/in
	CD	2.7	lbs/in
Tear:	MD	25	grams
	CD	35	grams

Adhesive:

An emulsion acrylic adhesive with moderate tack and adhesion and dissolves quickly in tap water.

FDA Compliance: Title 21, Section 175.105 of the Code of Federal Regulations (21 CFR 175.105). Compliance to this regulation permits the use of this adhesive in applications for which the adhesive either (1) is separated from the food by a functional barrier, which will prevent the migrations of any of the adhesive components to the food, or (2) has incidental contact with food limited to the trace amount at the seams or the edges of the label.

		<u>Value</u>	<u>Units</u>
Minimum Application temp:		21 (-6)	°F (°C)
Service temp:		-40 to +176° (-40 to 80)	°F (°C)
Peel Adhesion:			
	Treated HDPE	1.19	lbs
	Glass	1.44	lbs
Loop Tack:			
	Treated HDPE	1.44	lbs
	Glass	2.81	lbs

Liner:

40# supercalendered, bleached, kraft stock with high internal strength, toughness and has tear resistant properties.

		<u>Value</u>	<u>Units</u>
Basis Weight:		40.8	lbs per ream
Caliper:		0.0024	in
Tensile:	MD	34	lbs/in
	CD	22	lbs/in
Tear:	MD	32	grams
	CD	34	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.

