

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

M-747

**Description:**

A pigmented, semi-gloss film facestock with an acrylic, permanent adhesive and bleached, super calendered liner. It is UL, c-UL and CSA recognized for indoor and outdoor use (UL file # MH17205 and CSA 97198).

**Recommended Applications:**

This material works great for product identification labels, work in progress labels, durable goods labeling, automotive exterior or underhood labeling and asset tags.

**Facestock:**

A 2 mil pigmented, white, polyester, semi-gloss, film facestock with superior tear strength, dimensional stability, opacity and chemical and heat resistance. This facestock is print treated to enhance printability with various processes.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Caliper:		0.0020	in	ASTM D1000
Tensile:	MD	21,000	psi	ASTM D882
	CD	31,000	psi	ASTM D882

**Adhesive:**

A general purpose, clear, solvent, acrylic, permanent adhesive designed for industrial applications. This adhesive has high shear for minimal cold flow and great initial tack and ultimate adhesion to a wide variety of substrates including medium to low surface energy plastics.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Minimum Application temp:		50	°F	
Service temp:		-40 to +300	°F	
Coat Weight:		27	g/sq m	
Caliper:		0.0009	in	ASTM D1000
Loop Tack:	Stainless Steel	59.2	oz/in	PSTC11

**Liner:**

A bleached, super calendered paper stock with superior die cutting and matrix stripping properties used for standard roll-to-roll applications and not recommended for sheet applications.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Basis Weight:		54.5	lbs/ream	TAPPI T410
Caliper:		0.0032	in	ASTM D1000
Tensile:	MD	48.0	lbs/in	ASTM D882
	CD	26.0	lbs/in	ASTM D882
Tear:	MD	1.8	oz	TAPPI T414
	CD	2.0	oz	TAPPI T414

**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.

