

Material Specification Sheet**Product:**

M-734

Description:

This material features a 2.0 mil matte, topcoated silver polyester facestock with a consistent, smooth surface, great dimensional stability and endurance to varying temperatures. It is chemical, moisture, smudge and scratch resistant and has a topcoat that allows for four times as many die revolutions before retooling. The pressure-sensitive adhesive displays good tack and chemical resistance, as well as, the ability to bond with low and high surface energy substrates. The 50 pound, bleached kraft liner liner is great for optical sensing and most thermal transfer printers. This liner is ideal for roll-form converting. This material is UL recognized under UL 969 File No. PGJ12.MH16635.

Recommended Applications:

This material is designed for cross-technology printability via impact, laser, electron beam, wax, resin and wax/resin thermal transfer printers. This material is great for compliance labeling.

Physical Properties:

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Thickness:			
MTC and Film	2.4	mil	ASTM D3652
Adhesive	0.8-0.9 ± 0.1	mil	ASTM D3652
Liner	3.1 ± 10 %	mil	ASTM D3652
Dimensional Stability:	No Shrinkage		24 hour dwell time on aluminum panel then 24 hours at 160°F

Adhesive:

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Minimum Application temp:	50	°F	
Service temp:	-40 to +302	°F	
Shear:	50	hours	ASTM 3654 Method A
Tack:	360	gm/cm ²	ASTM D2979
Ultimate Peel:			
ABS	60	oz/in	ASTM D903
Acrylic	68	oz/in	ASTM D903
Aluminum	54	oz/in	ASTM D903
Ceramic Tile	37	oz/in	ASTM D903
Glass	56	oz/in	ASTM D903
HDPE	32	oz/in	ASTM D903
Polycarbonate	58	oz/in	ASTM D903
Polyester	87	oz/in	ASTM D903
Polypropylene	12	oz/in	ASTM D903
Stainless Steel	55	oz/in	ASTM D903

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.

