

Material Specification Sheet**Product:**

M-282

Description:

A one side coated thermal transfer facestock with an all temperature and freezer grade acrylic adhesive and a fully bleached kraft liner.

Recommended Applications:

Useful all-temperature thermal transfer label can be used in a variety of situations. Meets federal requirements for both toy safety and indirect food contact.

Facestock:

A thermal transfer paper facestock, coated on one side, with outstanding ink receptivity and print characteristics. Facestock meets requirements for heavy metals, toy safety and indirect food contact.

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Caliper:	2.65	mil	ASTM D-374
Tensile: MD	26	lb/in	ASTM D-882
CD	16	lb/in	ASTM D-882
Tear: MD	40	grams	ASTM D-1922
CD	42	grams	ASTM D-1922
Brightness:	89	%	ASTM D-985
Opacity:	85	%	ASTM D-6216

Adhesive:

An all temperature adhesive with freezer grade performance. Adhesive has good initial tack and high ultimate adhesion when applied at temperatures as low as -20° F. Excellent permanency at room temperature, with very good resistance to solvents, plasticizers, and UV. Adhesive meets federal regulation requirements for heavy metals, toy safety and indirect food contact.

	<u>Value</u>	<u>Units</u>
Application temp:	-20°	Fahrenheit
Service temp:	-65° to +160°	Fahrenheit
180° Peel:		
Stainless Steel	5.1	lb/in
Glass	404	lb/in
Polyethylene	4.2	lb/in
Corrugated	4.7	lb/in
Painted Metal	3.1	lb/in
Loop Tack:		
Stainless Steel	2.90	lb/in ²

Liner:

65#, 3.8 mil fully bleached kraft liner, silicone coated on one side for a controlled release.

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Basis Weight:	65	lbs/ream	
Caliper:	3.8	mil	ASTM D-374
Tensile: MD	N/A	lb/in ²	ASTM D-882
CD	N/A	lb/in ²	ASTM D-882
Tear: MD	60	grams	ASTM D-1922
CD	60	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.

