



Material Specification Sheet

Product:

M-549

Description:

The M-549 features a clear, polypropylene facestock with a permanent, acrylic, all temperature adhesive and a silicone coated liner with a caliper consistent surface.

Facestock:

A 2 mil clear, biaxially oriented, polypropylene that presents great clarity, stiffness and die cut performance.

	<u>Value</u>	<u>Units</u>
Caliper:	2	mil

Federal Regulation Approval:

Heavy Metals:	Yes
Toy Safety:	Yes
Indirect Food:	Yes
Direct Food:	No

Adhesive:

This permanent, acrylic, all temperature, freezer grade adhesive has exceptional initial tack and ultimate adhesion when applied at all temperatures, even as low as -20°F. It allows for short term reposition on most substrates but has great permanency at room temperature.

	<u>Value</u>	<u>Units</u>
Minimum Application temp:	-20°	Fahrenheit
Service temp:	-65° to +160°	Fahrenheit
Shear:	60	min

Typical Adhesion Values:

Stainless Steel:		
180 ° Peel:	4.7	lb/in
Loop Tack:	2.2	lb/in ²
Glass:		
180 ° Peel:	1.3	lb/in
Polyethylene:		
180 ° Peel:	2.2	lb/in
Corrugated:		
180 ° Peel:	3.9	lb/in
Painted Metal:		
180 ° Peel:	4.4	lb/in

Federal Regulation Approval:

Heavy Metals:	Yes
Toy Safety:	Yes
Indirect Food:	Yes
Direct Food:	No

Liner:

A supercalendered kraft liner, silicone coated on one side for controlled release with a smooth, caliper consistent surface. Because it has high internal strength, it can endure all conventional processing operations including die-cutting, butt cutting, dispensing and line scoring.

		<u>Value</u>	<u>Units</u>
Basis Weight:		40	lb/ream
Caliper:		2.5	mil
Tensile:	MD	30	lbs/in
	CD	20	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.

