

Material Specification Sheet**Product:**

M-318

Description:

A top coated medium-to-high sensitivity direct thermal polypropylene facestock that features a highly aggressive permanent rubber-based freezer grade adhesive.

Recommended Applications:

An excellent choice for applications where the label is applied to packaging materials at room temperature and then subjected to -40° F blast freezing conditions. The product was designed as a print and present label with a low release and a stiffer face stock for that purpose. With the wide variety of application equipment and methods in the market, it is always best to test in the actual application.

Facestock:

A top coated medium to high sensitivity direct thermal polypropylene facestock.

	<u>Value</u>	<u>Units</u>
Caliper:	4.1	mil
Basis Weight:	53#/3300 ft ²	

Adhesive:

A highly aggressive rubber-based adhesive that features excellent initial tack and ultimate adhesion when applied at freezer conditions.

	<u>Value</u>	<u>Units</u>
Coat Weight:	14	lbs/3300 ft ²
Caliper:	.55	mil
Application temp:	-15°	Fahrenheit
Service temp:	-65° to +160°	Fahrenheit
Shear:	57	minutes
90° Peel:		
Stainless Steel	26	oz
Loop Tack:	53	oz

Liner:

A 40#, bleached calendared liner that exhibits excellent die cutting and stripping characteristics.

	<u>Value</u>	<u>Units</u>
Basis Weight:	41	lbs/3000 ft ²
Caliper:	2.5	mil
Tensile: MD	34	lb/in ²
CD	21	lb/in ²
Tear: MD	34	grams
CD	36	grams
Opacity:	69	%

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.

