

Material Specification Sheet

Product:
M-360

Description:

A standard sensitivity, low abrasion, general purpose direct thermal paper. It is top-coated to be water, oil, heat and light resistant as well as resistant to other chemicals with a highly aggressive rubber based adhesive with great initial tack and best when applied at freezer conditions and A bleached, calendered liner with great stripping and die cutting characteristics. Recommended for roll-to-roll applications.

Recommended Applications:

It will adhere to a variety of surfaces despite the presence of frost or moisture. designed to cover a broad range of applications, including industrial and weigh scale applications. It is top-coated for resistance to water, oil, and other chemicals and offers good heat and light resistance.

Facestock:

A standard sensitivity, low abrasion, general purpose direct thermal paper. It is top-coated to be water, oil, heat and light resistant as well as resistant to other chemicals.

	<u>Value</u>	<u>Units</u>
Basis Weight:	49/3300	lbs/ft ²
Caliper:	3.1	mils
Tensile:	MD: 32	lbs
	CD: 16	lbs
Tear:	MD: 43	grams
	CD: 44	grams
Opacity:	92	%
Brightness:	90	%
Activation Temperature:	188	°F

Adhesive:

A highly aggressive rubber based adhesive with great initial tack and best when applied at freezer conditions. It also works well when applied at room temperature and exposed to -40°F blast freezing conditions. It will adhere to a variety of surfaces despite the presence of frost or moisture. When applied at any levels above room temperature, you may have converting issues.

	<u>Value</u>	<u>Units</u>
Coat Weight:	14/3300	lbs/ft ²
Caliper:	0.55	mils
Minimum Application temp:	-15°	Fahrenheit
Service temp:	-65° to +160°	Fahrenheit
Shear (1000 g):	57	minutes
Loop Tack:	53	oz
Adhesion to Stainless Steel (90° Peel):	26	oz

Liner:

A bleached, calendered liner with great stripping and die cutting characteristics. Recommended for roll-to-roll applications.

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

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.

