

Material Specification Sheet**Product:**

M-405

Description:

A high sensitivity, IR-scannable, direct thermal paper with an aggressive high-tack permanent acrylic healthcare adhesive

Recommended Applications:

Healthcare applications requiring IR scanning sensitivity.

Facestock:High-sensitivity, IR-scannable, direct thermal paper. **Scanning wavelength range: 633nm – 1000nm**

		<u>Value</u>	<u>Units</u>
Caliper:		3.4	mil
Tensile:	MD	26	lbs/in
	CD	17	lbs/in
Image Color:		Black	
Initial Activation Temp:		149 ± 9°	Fahrenheit
Effective Activation Temp:		167 ± 9°	Fahrenheit
Optimum Activation Temp:		185 ± 9°	Fahrenheit

Adhesive:

Aggressive, high-tack, permanent acrylic. Considered to be glove friendly and complies with FDA 21 CFR 175.105

		<u>Value</u>	<u>Units</u>
Minimum Application temp:		25°	Fahrenheit
Service temp:		-75° to +200°	Fahrenheit
Peel:			
	Stainless Steel	1.9	lbs/in
Loop Tack:		3.6	lbs/sq. in

Liner:

40#, 2.5 mil super-calendared Kraft

	<u>Value</u>	<u>Units</u>
Caliper:	2.5	mil

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.

