

Material Specification Sheet**Product:**

DM6

Description:

A 2.9 mil near infrared (NIR) direct thermal coated white polyolefin film facestock with a highly aggressive solvent free permanent adhesive and a supercalendered bleached kraft paper liner with a release coating.

Recommended Applications:

This material is recommended for high scan rates and applications where environment resistance to common elements is required. Designed for application to substrates that are difficult to adhere to. Product has good resistance to low temperatures and unique surface configurations. Complies with FDA 21 CFR 175.105.

Facestock:

A 2.9 mil NIR direct thermal coated white cavitated film facestock.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Caliper:		3.1	mil	ASTM D-374
Tensile:	MD	21,334	lbs/in ²	ASTM D-882
	TD	28,445	lbs/in ²	ASTM D-882
Elongation:	MD	106	%	ASTM D-412
	TD	41	%	ASTM D-412

Adhesive:

A highly aggressive solvent free permanent adhesive.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Minimum Application temp:		>40	°F	
Service temp:		-20 to +180	°F	
Shear:		> 300	hours	PSTC-7
180° Peel:		100	oz/in	PSTC-101-A
Loop Tack:		150	oz/in ²	PSTC-16
Coating Thickness:		1.2	mil	ASTM D-374

Liner:

A supercalendered bleached kraft paper liner with a release coating.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Basis Weight:		40.7	lbs/ream	TAPPI
Caliper:		2.5	mil	ASTM D-374
Tensile:	MD	32	grams	ASTM D-882
	TD	34	grams	ASTM D-882
Release:		30 (+/- 15)	grams	PSTC-4B

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.

