

Material Specification Sheet**Product:**

M-427

Description:

A medium sensitivity bright white direct thermal paper top coated for optimum environmental resistance with a permanent acrylic emulsion with aggressive initial tack, excellent ultimate adhesion and mandrel hold and a semi-bleached, calendared kraft liner excellent for die-cutting and stripping.

Recommended Applications:

For applications such as barcode and human readable labels in retail, healthcare, and industrial markets. Recommended for use in standard speed thermal printers and is good for applications with curved surfaces.

Facestock:

KL 270 is a medium sensitivity bright white direct thermal paper top coated for optimum environmental resistance.

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Caliper:	2.95	mil	TAPPI T-411
Tensile: MD	29	lb/in ²	TAPPI T-494
CD	15	lb/in ²	TAPPI T-494
Tear: MD	45	grams	TAPPI T-414
CD	40	grams	TAPPI T-414

Adhesive:

ST95 is a permanent acrylic emulsion with aggressive initial tack, excellent ultimate adhesion, and mandrel hold. Very good adhesion to corrugated, glass and various plastic substrates. Considered to be latex glove friendly for use in some healthcare applications. Complies with FDA 21 CFR 175.105

	<u>Value</u>	<u>Units</u>
Application temp:	+25°	Fahrenheit
Service temp:	-75° to +200°	Fahrenheit

Liner:

A semi-bleached, calendared kraft liner excellent for die cutting and stripping. The liner release system is designed specifically for label dispensing. Primarily for roll-to-roll applications.

	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Caliper:	2.45	mil	TAPPI T-411

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.

