10/28/14

Material Specification Sheet

Product:
M-408

Description:
A high sensitivity bright white topcoated direct thermal paper facestock with a permanent acrylic emulsion adhesive with aggressive initial tack, and a semi-bleached calendared kraft liner with excellent die cutting and stripping properties.

Recommended Applications:
For applications including barcode and human readable labels in retail, healthcare and industrial markets. Recommended for high speed printing or using low voltage portable thermal printers.

Facestock:
A high sensitivity bright white topcoated direct thermal paper for use in high speed or low voltage thermal printers. Optimal wavelength range under 660 nm.

		Value	Units	Test Method
Caliper:		3.0	mil	TAPPI T411
Tensile:	MD	27.4	lb/in^2	TAPPI-494
	CD	13.7	lb/in^2	
Tear:	MD	43	grams	TAPPI-414
	CD	47	grams	
Brightness:		87	percent	TAPPI T525

Adhesive:
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 CRF 175.105

	Value	Units	Test Method
Caliper	0.7	mil	
Application temp:	+25°	Fahrenheit	
Service temp:	-75° to +200°	Fahrenheit	

Liner:
A 40#, semi-bleached, calendered white kraft excellent for die cutting and stripping. The liner release system is designed specifically for label dispensing. Primarily for roll-to-roll applications.

	Value	Units	Test Method
Caliper:	2.45	mil	TAPPI T411
Basis Weight:	40	lbs	TAPPI T410

Shelf Life:
One year, under standard storage and humidity conditions

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