

**Material Specification Sheet****Product:**

M-PPT - PolyUltra™

**Description:**

A top coated matte white thermal transfer poly film facestock with an aggressive permanent adhesive and a supercalendered bleached kraft paper liner that has a release coating.

**Recommended Applications:**

This material is recommended for harsh environment applications including painted steel, plastic, corrugated and other industrial applications that involve exposure to moisture and chemicals. Complies with FDA 21 CFR 175.105.

**Facestock:**

A top coated matte white thermal transfer poly film facestock.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Caliper:		3.8	mil	ASTM D-374
Tensile:	MD	21,334	lbs/in <sup>2</sup>	ASTM D-882
	CD	28,445	lbs/in <sup>2</sup>	ASTM D-882
Elongation:	MD	106	%	ASTM D-412
	CD	41	%	ASTM D-412

**Adhesive:**

A highly aggressive solvent-free permanent resin-emulsion adhesive.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Minimum Application temp:		>40	°F	
Service temp:		-20 to +220	°F	
Shear:		50	minutes	ASTM D-374
180° Peel:		3.2	lbs/in	PSTC-101
Loop Tack:		4.0	lbs/in <sup>2</sup>	PSTC-16
Coating Thickness:		0.75	mil	PSTC-7

**Liner:**

A 50#, 3.2 mil supercalendered bleached kraft paper liner with a release coating.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Basis Weight:		50	lbs/ream	ASTM D-374
Caliper:		3.2	mil	ASTM D-882
Tensile:	MD	52	lbs/in	ASTM D-882
	CD	57	lbs/in	TAPPI
Moisture:		3.5	%	ASTM D-644
Release:		30	grams	PSTC-4

**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.

