

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

M-TCD - MaxTran PET Clear Polyester

**Description:**

A clear 2 mil top coated thermal transfer polyester film facestock with a permanent industrial grade non-yellowing acrylic adhesive and a supercalendered kraft liner.

**Recommended Applications:**

This material is recommended for applications requiring durability or outdoor use. Complies with FDA 21 CFR 175.105.

**Facestock:**

A clear top coated thermal transfer polyester film facestock.

		<u>Value</u>	<u>Units</u>
Caliper:		2.0	mil
Tensile:	MD	22	kgf/mm <sup>2</sup>
	TD	26	kgf/mm <sup>2</sup>
Elongation:	MD	190	%
	TD	115	%
Area Yield:		14.1	m <sup>2</sup> /kg
Base Film Haze:		0.5 ± 0.5	%
Shrinkage:	MD	1.4	%
	TD	0.5	%
Opacity:		7 ± 3	%

**Adhesive:**

An industrial grade non-yellowing permanent acrylic adhesive.

		<u>Value</u>	<u>Units</u>
Minimum Application temp:		>35	°F
Service temp:		-65 to +200	°F
Shear:		53	hours
180° Peel:		5.3	lb/in
Loop Tack:		2.7	lb/in <sup>2</sup>
Coating Thickness:		1.0	mil

**Liner:**

A supercalendered bleached kraft liner that has a release coating.

		<u>Value</u>	<u>Units</u>
Basis Weight:		50	lbs/ream
Caliper:		3.2	mil
Tear:	MD	52	grams
	TD	57	grams
Moisture:		3.5	%
Release:		35 (+/- 15)	grams

**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.

