GeneralData
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11/3/17

Material Specification Sheet

Product:
TDD - MaxTran™ PET

Description:
A 2 mil, opaque, gloss-white, thermal transfer polyester film with a proprietary topcoat that provides excellent opacity, tear strength, dimensional stability and heat resistance; a permanent, industrial-grade, aggressive adhesive; and 50# super-calendared, kraft liner.

Recommended Applications:
Suitable for applications requiring durability or outdoor use. Use the high-end resin ribbons for quality and durability. Complies with FDA 21CRF175.105 **UL recognized for certain applications using specific ribbon/printer combinations. UL File # MH28197. Call for details.

Facestock:
Opaque, gloss-white, thermal transfer polyester film.

		Value	Units	Test Method
Caliper:		2	mil	ASTM D-374
Tensile:	MD	15	Kgf/mm^2	ASTM D-882
	TD	20	Kgf/mm^2	ASTM D-882
Elongation:	MD	130	Percent	ASTM D-412
	TD	70	Percent	ASTM D-412
Area Yield:		13.2	m^2/kg	9.3 MSI/LB
Opacity:		91	Percent	ASTM D-6216
Shrinkage:	MD	2	Percent	30 minutes @ 150°C
	TD	0.5	Percent	30 minutes @ 150°C
Transmission:		18	Percent	ASTM D-1003

Adhesive:
Permanent, industrial-grade, rubber-resin

	Value	Units	Test Method
Application temp:	>35°	Fahrenheit	
Service temp:	-20° to +300°	Fahrenheit	
Coating thickness:	1.0	mil	ASTM D-374
180° Peel:	5.3	lb./in.	PSTC-101
Loop Tack:	6.5	$lb./in.^2$	PSTC-16

Liner:
50# semi-bleached, super calendered, kraft liner, silicone coated on both sides with an easy release formulation. This liner works great with high speed die cutting.

		Value	Units
Basis Weight:		40.7	lbs
Caliper:		2.5	mil
Tear:	MD	32	g
	CD	34	g
Tensile:	MD	34	lbs
	CD	22	lbs
Opacity:		65	%

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

CERTIFIED ISO 9001:2000 QUALITY