Thermal Transfer Paper
TECHNICAL DATA SHEET*

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TTE3552
FSC®Optiscan® E Thermal Transfer

Description

Product

Face: Optiscan E

Adhesive: SmartTac™

Liner: Bloom hi.mpact® Glassine

Total Construction
Caliper (Approx): **4.5** mils

Face

White coated facestock that provides balance of lower basis weight and strength to support high speed converting with improved yield. FSC certified. Certification Number: SCS-COC-007635

Physical Properties	Typical Value	Test Method
Caliper, inches	0.0026	TAPPI T-411
Tensile, lbs/in (YIELD)	24 MD 16 CD	TAPPI T-494
Tear, grams	34 MD 35 CD	TAPPI T-414
Opacity	82%	TAPPI T-425
Basis Weight 25" x 38"/500 sheets	36 lbs. +/- 10%	TAPPI T-425

Adhesive

General purpose permanent acrylic emulsion designed for high speed converting environments. It provides good initial tack and peel adhesion to corrugated, glass and various plastic substrates.

Physical Properties	Typical Value	Test Method
Peel Adhesion		
Stainless Steel	2.0 lbs / in	PSTC-101F (30 min 90D)
Corrugate	0.8 lbs / in	PSTC-101F (30 min 90D)
Loop Tack		
Stainless Steel	2.9 lbs / in	PSTC-16A
Corrugate	1.4 lbs / in	PSTC-16A

Temperature Ranges

Minimum Application Temperature	+30°F (-1°C)
Service Temperature	-40°F to +200°F (-40°C to +93°C)

Disclaimer: Tested with 60# Semi-gloss paper properties at room temperature on standard lab panels. The service temperature listed is subject to limitations of the facestock and substrate used.

Liner

Glassine liner excellent for die cutting, stripping, and label dispensing. Primarily for roll-to-roll applications.

Physical Properties	Typical Value	Test Method
Caliper, inches	0.0016 +/- 10%	TAPPI T-411
Basis Weight 24"x36"/500 sheets	27.7 lbs. +/- 10%	TAPPI T-410

Shelf Life

One year from the date of shipment, when stored at 72°F and 50% relative humidity.

*This document represents typical values and is not considered a specification.

The user is responsible for determining the product's suitability for all aspects of the application. If there are any questions about applications, or regulatory compliances please contact your Mactac sales representative to discuss your requirements for recommendations. If this is a printed Technical Data Sheet, it is an uncontrolled document. Please check the Mactac website for the latest, most-up-to-date version. The products discussed herein are sold without any warranty as to merchantability or any other warranty, expressed or implied.

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