

DT PAPER

TECHNICAL DATA SHEET*



mactac.com

45632

ScanTherm™ NTC No Added Bisphenols / LiftOff / 2.4 Mil SCK Liner

Description

Product

Face: 3.0 Mil ScanTherm™ NTC

Total Construction

Caliper (Approx): **6.1** mils

Adhesive: LiftOff™

Liner: 2.5 Mil

Face A medium sensitivity non-topcoated direct thermal paper manufactured without added bisphenols for use in standard speed thermal printers.

Physical Properties

Typical Value

Test Method

Caliper

.00303

TAPPI T-411

Tensile, lbs/in (YIELD)

28 MD 15 CD

TAPPI T-414

Tear

39.8MD 43.8CD

TAPPI T-494

Opacity

86.5%

TAPPI T-425

Basis Weight 25" x 38"/500

47 lbs. +/- 10%

TAPPI T-425

Initial Activation Temp (O.D.=0.2)

179 +/- 9°F (81.67 +/- 5°C)

Effective Activation Temp (O.D.=0.8)

199 +/- 9°F (92.78 +/- 5°C)

Optimum Activation Temp (O.D.=1.55)

208 +/- 9°F (97.78 +/- 5°C)

Adhesive A hot melt removable adhesive featuring excellent long-term removability. Good initial adhesion and clean removability allows for use on a variety of surfaces.

Physical Properties

Typical Value

Test Method

90° Peel Adhesion, lbs./in.

Stainless Steel

0.4 lbs / in

PSTC-101F (30 min. applied)

Corrugate

lbs / in

PSTC-101F (30 min. applied)

Loop Tack

Stainless Steel

1.1 lbs / in

PSTC-16A

Corrugate

lbs / in

PSTC-16A

Temperature Ranges

Minimum Application Temperature

30°F (-1°C)

Service Temperature

-20°F to 140°F (-28°C - 60°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 A bleached, calendered liner featuring excellent die cutting and stripping characteristics. Recommended for use in roll-to-roll applications.

Physical Properties

Typical Value

Test Method

Caliper, inches

.0025 +/- 10%

TAPPI T-411

Basis Weight 24"x36"/500

41 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.

Call **1-800-548-3456** for additional product information or visit **www.mactac.com**

TM Trademark of Morgan Adhesives Company LLC

® Registered Trademark of Morgan Adhesives Company LLC

Revised: 07/26 LL