

DTNN2602PB Direct Thermal Translabel® - Custom

Revised: 12/2017 KSM

Product Description:

A medium sensitivity non-topcoated direct thermal facestock in a piggyback construction used when a transferable label is required. 640AT all temperature permanent adhesive is used on both face and middle liner. Both the middle and bottom ply are 2.4 semi-bleached super calendared kraft

Face Description:

A **medium sensitivity** non-topcoated direct thermal paper for use in standard speed thermal printers.

Physical Properties Without Adhesive		
Test Property	Typical Values	Test Method
Initial Activation Temp (O.D.= 0.2)	195 ± 9°F (90.5 ± 5°C)	
Effective Activation Temp (O.D.= 1.0)	284 ± 9°F (140 ± 5°C)	
Optimum Activation Temp (O.D.=1.2)	300± 9°F (149 ± 5°C)	
Image Color	Black	
Brightness %	89.5	TAPPI T-525
Caliper, inches	0.0032+/- 10%	TAPPI T-411
Basis Weight, lbs. (25" x 38"/500)	52+/- 10%	TAPPI T-410

Adhesive Descriptions: 640AT

640AT is an all temperature acrylic adhesive that performs well in normal to freezer temperature applications. 640AT exhibits open time on some substrates (please test) and develops a permanent bond to a wide variety of substrates.

Physical Properties of Adhesive 640AT		
Test Property	Typical Values	Test Method
Thickness	0.0007 +/- 10%	
Peel Adhesion, lbs./in.	1.8 or paper tear	PSTC-101F (30 min. applied)
Minimum Application Temperature	-20°F (-29°C)	CTM #45 Curwood Polyester Film Dry Surface
Service Ranges	-65°F to +200°F (-54°C to 93°C)	CTM #45 Curwood Polyester Film Dry Surface

Liner Description:

Both the middle and bottom liner are a semi-bleached super calendared kraft liner excellent for die cutting, stripping and label dispensing. Primarily for roll-to-roll applications.

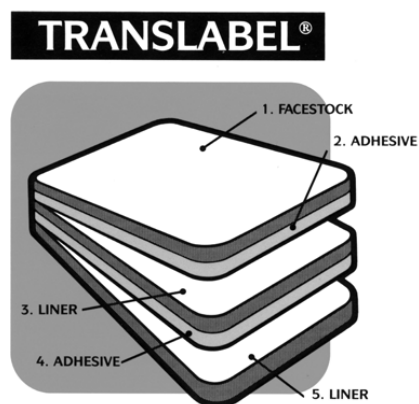
Physical Properties of Liner		
Test Property	Typical Values	Test Method
Caliper, inches	0.0024 +/- 10%	TAPPI T-411
Basis Weight, lbs. (24" x 36"/500 sheets)	40 +/- 10%	TAPPI T-410

Shelf Life:

Unconverted Product - one year when stored at 72°F and 50% R.H

APPLICATIONS AND USES

Used in piggyback applications for barcode and human readable labels in short term shipping labels only, not exposed to extreme environmental conditions and requiring an **all - temperature** adhesive. Recommended for use in **standard speed** thermal printers.



Regulatory Information

This product complies with CONEG regulations. All Mactac Roll Label Products meet the requirements of the Clean Air Act of 1990.

Please Note: The user is responsible for determining the product's suitability for all aspects of the applications. If there are questions about applications, or regulatory compliances, please contact your Mactac sales representative to discuss your requirements for recommendations. If this is a printed Performance Guide, it is an uncontrolled document. Please check the Mactac website for the latest, most up-to-date version at www.mactac.com

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