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TT2602PB Thermal Transfer Translabel®

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Product Description:

A thermal transfer 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 premium bright white, coated facestock designed for high-speed thermal transfer printing. This smooth, smudge resistant face offers great thermal transfer printing and flexo printing.

| Physical Properties Without Adhesive | | |
|--------------------------------------|----------------|-------------|
| Test Property | Typical Values | Test Method |
| Tear, grams | 40 MD 50 CD | TAPPI T-414 |
| Tensile, lbs./in. | 28 MD 17 CD | TAPPI T-494 |
| Brightness % | 83 | TAPPI T-452 |
| Stiffness | 170 MD 100 CD | TAPPI T-543 |
| Opacity, % | 87 | TAPPI T-425 |
| Caliper, inches | 0.0029 +/- 10% | TAPPI T-411 |
| Basis Weight, lbs. (25" x 38"/500) | 48 +/- 10% | TAPPI T-410 |

Adhesive Description 640AT

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 | | |
|---------------------------------|---------------------------------|--|
| 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 |

Regulatory Information

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

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 |

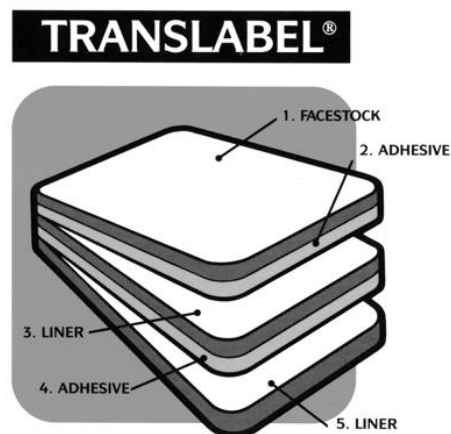
Shelf Life:

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

APPLICATIONS AND USES

Office label and forms, direct mailers, lottery/ sweepstakes mailings, medical records, inventory labels, shipping labels, novelty constructions and pharmaceutical applications requiring an all temperature adhesive thermal transfer piggyback construction.

* NOTE: Thermal transfer printing quality and bar code scannability are dependent upon the interworking of several elements; the ribbon, the print head and the facestock. Please test all applications. Consult Mactac's Technical Marketing Department for guidelines regarding printer and ribbon compatibility.



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

CALL 1-800-548-3456 for additional product information

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