

## **PERFORMANCE GUIDE**

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Starliner®

Updated 03/13

TAPPI T-411

## Novelty® White 60# Uncoated Litho - Permanent

Stock Numbers

Liner

Sheet Size Sheet Size Sheets/ Carton Sheets/ Carton

17" x 22" 500 SL 0085N 8 ½" x 11" 2000 SL 0086N SL 0085N-1 8 ½" x 11" 1000 SL 0087N 26" x 20" 500

Also available:

Novelty Digital, Novelty Indigo and Novelty Blockout.

See these respective performance guides for more information

Construction Applications and End Uses

60# Uncoated Litho Promotions, shipping, inventory labels and POP. Novelty Face: is suitable for offset and digital presses and production Adhesive: MP2003 Permanent Acrylic

Specially processed scored release liner. Liner: sized laser printers.

Back printed in red "Starliner Permanent. Notes:

Description

A bright 60# white, smooth uncoated litho for many commercial printing processes also takes pencil, pen, and **Face** other markings well Offset and Digital / Laser printable.

Typical Physical Properties of Face Stock without Adhesive

 $0.0046 (4.6 \text{ mils}) \pm 10\%$ Caliper: inches TAPPI T-411 Brightness TAPPI T-452 Tear, grams. 66 MD 72 CD TAPPI T-414 Tensile. lbs./in. 27.5 MD 13.3 CD TAPPI T-494 Basis Weight, lbs. (25" x 38"/500 sheets) 60+/- 10% **TAPPI T-410** 

Permanent acrylic emulsion adhesive exhibiting a high initial tack on most common substrates. Its patented Adhesive non-ooze characteristics will provide clean kiss, die, and guillotine cutting.

Typical Physical Properties of Adhesive TAPPI T-411 Thickness, inches 0.0007 +/- 10%

PSTC-2 (30 min. applied) Peel Adhesion, lbs./in. 3.0

Temperature Ranges

CTM #45 Curwood +35°F (-2°C) Minimum Application

Polyester Film Dry Service Ranges -65°F to +200°F (-54°C to +93°C)

Surface

A nominal 80# white Kraft liner with scores every 1 1/4", has excellent lay-flat characteristics and internal strength,

toughness, tear resistance for kiss cutting.

Typical Physical Properties of Liner Caliper, inches 0.0042+/- 10%

Basis Weight, lbs. (24" x 36"/500 sheets) 72 +/- 10% TAPPI T-410

**Total Caliper** 0.0095 ± 10% inches (9.5 mils) 230 g/m<sup>2</sup>

Printable by offset-lithography with compatible ink systems. Laser compatible with production sized toner **Printing Process** 

fusion printers capable of using heavier weight materials. Use laser compatible inks if pre-printing. Follow

printer manufacturer's recommendations on printing pressure sensitive media and always test.

Shelf Life Two years when stored at 70° F and 50% R.H.



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This product complies with CONEG regulations.

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