

Primera TuffCoat Semi - Gloss Labels

Facestock

Primera Technology TuffCoat Semi-gloss is a semi-gloss sheet specially formulated for use in Primera Technology's on-demand inkjet printers. It couples excellent inkjet print quality with fast ink drying time and is ideal for applications printing variable information in conjunction with full color graphics.

Basis Weight: 60# per ream \pm 10%
(500 sheets 25"x38")

Caliper: 0.0037 inches \pm 10%

Tensile: MD 24# per inch width
CD 14# per inch width

Tear: MD 42 grams
CD 42 grams

Stiffness: MD 120 mg
CD 70 mg

Adhesive

TuffCoat is a versatile, general purpose permanent adhesive designed for excellent adhesion to corrugated and superior adhesion to plastics. Excellent initial tack without sacrificing high-speed converting.

Type: Emulsion Acrylic

Minimum Application Temperature: +25°F

Service Temperature Range: -65°F to +200°F

Typical Performance Data

50# Uncoated Paper at room temperature on standard lab panels

Recycled Corrugated

Loop Tack: 0.8 - 1.1 lbs.

Peel Adhesion: 0.6 - 0.8 lbs.

Rigid HDPE

Loop Tack: 1.6 - 2.4 lbs.

Peel Adhesion: 1.1 - 1.6 lbs.

Treated LDPE

Loop Tack: 1.1 - 1.6 lbs.

Peel Adhesion: 1.2 - 1.6 lbs.

PVC Film

Loop Tack: 2.1 lbs.

Peel Adhesion: 2.5 - 2.7 lbs.

Glass

Loop Tack: 3.1 - 3.3 lbs.

Peel Adhesion: 1.9 lbs.

Liner

Liner is a semi-bleached, super-calendered kraft liner which features excellent diecutting and stripping characteristics and is back printable. Used primarily for roll-to-roll label applications.

Basis Weight: 42# per ream \pm 10%
(500 sheets 24" x 36")

Caliper: 0.0025 inches \pm 10%

Tensile: MD 38# per inch width
CD 20# per inch width

Tear: MD 36 grams
CD 41 grams

Total Construction Caliper (approximate): 0.0070 inches \pm 10%

This label stock has been specifically designed to be highly-absorbent to allow water-based inkjet inks to set-up quickly. This characteristic while providing for immediate smudge resistance after printing, also makes the sheet highly-receptive to airborne contaminants, which could result in a discoloration of the unprinted areas. Proper testing in the final application environment is strongly recommended, especially when used on or near products with aromatic vapors, including scented candles, spices or products with volatile solvents.

Shelf Life

Unless specified otherwise in this document, one year when stored at 72°F at 50% RH

Statement of Practical Use

As with all pressure-sensitive materials, this product should be tested thoroughly under end-use conditions to ensure it meets the requirements of the specific application.

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