

Spec Sheet For BlackTie Labels



Thermal Transfer Labels



Facestock: BlackTie Trans-Therm® 1C is an ultra smooth coated facestock which provides premium barcode printing for high and medium speed printers. This sheet will also print on UV letterpress equipment and offers some water resistance. Smudge resistance has been optimized for a coated paper, but caution is recommended with contact scanners.

Adhesive: BlackTie S2501 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

Liner: 40# SCK is a semi-bleached, super-calendered kraft paper featuring high internal strength, toughness, and tear resistance. Excellent for die cutting and stripping; used primarily for roll to-roll-applications.

Applications and Uses: Product is suitable for use in applications where high quality barcode printing is critical. Material offers reduced mottle flexographic flood-coating and high speed wide-web converting. BlackTie S2501 is suitable for applications where compliance with FDA 175.105 is required (section covers applications where incidental contact between food & adhesive could occur). Product has been tested & approved by Underwriters Laboratories as a base stock for labels for use as Type "L" listing or classification marks. Product has not been approved for any other type of UL application. Note that file numbers are not assigned by UL to base materials that merely meet the Type "L" requirements.

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

Direct Thermal Labels



Facestock: BlackTie Direct-Therm 200GP is a smooth bright white paper with a medium-sensitivity thermal coating, specially designed to resist a variety of contaminants in the Grocery and Industrial labeling markets including water, blood, fat, PVC's and oils. Direct-Therm 200GP is designed to run through a wide range of printers, at moderate speeds or low print head voltages. The non-corrosive, non-abrasive surfaces provides for maximum print head life.

Adhesive: BlackTie S2501 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

Liner: 40# SCK is a bleached super-calendered kraft stock featuring high internal strength, toughness and tear resistance. Used primarily for roll-to-roll label applications.

Applications and Uses: This product is suitable for use in a wide variety of direct thermal label printers especially those typically used in weigh scale applications. BlackTie Direct-Therm 200GP is designed as a general purpose product and provides moderate resistant to water, blood, fats, oils and plasticizers found in PVC film. Potential uses include: Deli weigh scale labels, bakery label, carton/shipping labels and address labels. Print density at 100°C/212°F us 1.30 ODU. Initial activation temperature of 185°F.

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



BlackTie Labels Available Exclusively At:

SYSTEM 1111®
800.397.9783

System 3x/4xx™
WAREHOUSE
888.397.9783