



## 9303 Series – Print Media: Ultra Flexible White PU, Thermal Advantage™ Heat Transfer Film

FDC Series 9303 is a printable ultra flexible polyurethane heat transfer film designed for application to textiles. This Thermal Advantage™ product features a matte or gloss finish for producing vibrant full color images. Its thin surface has an extra soft feel that provides excellent cutting and weeding. For use on 100% cotton, 100% polyester and poly/cotton blends.

### CPSIA Compliant - Phthalate Free, Lead Free

Note: Use FDC series 9404 Print Mask: Heat Transfer, High-Tack Adhesive to lift this material from the liner

**Film Technology:** ..... Polyurethane

**Film Thickness:** ..... 2.75 mil.

**Color Availability:**..... 002 Gloss White, 049 Matte White

**Outdoor Durability:** ..... N/A

(The overall durability of this product has not been determined and will be based on its use, maintenance and environment. Initial testing indicates some degradation may occur after approximately 15-20 washes. Contact your ink manufacturer for complete information regarding the durability of your ink system in this application.)

**Adhesive:** ..... Permanent (Heat Activated) /Clear

**Liner:** ..... Pressure Sensitive PET

**Application:**..... 100% Polyester, 100% Cotton, Poly/Cotton Blends

(\*Test is recommended prior to production to determine the suitability of this product given the end user’s particular textile and intended use.)

**Cut:** ..... Right Read

**Layer:**..... Yes

**Preheat Garment:** ..... Yes

**Time:** ..... 15 seconds

**Temperature:** ..... 330°F

**Pressure:** ..... Medium

**Peel:** ..... Hot

**Washing:**..... Machine wash using a warm setting with mild detergent. Do not bleach or dry clean. Dry at normal temperatures. Follow all garment instructions.

**Printing:**..... Solvent, Eco Solvent, Latex

(\*A print test is recommended prior to production to determine the suitability of this product given a particular printer, rip, ink type and ink set. In most cases a generic vinyl profile will provide the best results. Allow at least 4 hours for inks to dry and properly outgas prior to application.)

**Shelf Life:**..... 2 years - when stored at 70°F and 50% relative humidity

Note: For further information regarding: printing, substrate cleaning, application, maintenance, durability and removal please review the corresponding instructional bulletin available at [www.fdcfilms.com](http://www.fdcfilms.com).

Warranty: Data provided by FDC is for general information only. This data is not to be used for exacting specification purposes. Always pretest product. Suitability for any given application is the responsibility of the user. Since FDC cannot control the conditions under which the products referred to herein may be used or handled, it can make no guarantee as to the effectiveness, safety or applicability with respect hereto. FDC’s only obligation shall be to replace such quantity of product proven to be defective. FDC shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use or the inability to use the product. Before using, the user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith. The seller, FDC, shall not be liable for any default or delay caused by contingency beyond its control or the control of its supplier including but not limited, short or reduced supply of fuel, or other integral components of the product.