



# THE DOCUMENT COMPANY

## XEROX

**Product Validation Report** *PSG103102E*

Product: *D & K ---- SuperStick™ Film*

### **Product Description:**

Single side thermal laminating film that is applied using a single side laminating machine

**Components:** Nylon / Ethylene copolymer

**Operating Temperature:** 235 – 275 F

### **Executive Summary:**

The D&K SuperStick™ Film was tested and has been validated for use on the following Xerox printers: **DocuColor 2060/2040/6060, DC 12 and Igen3**. Output from additional printers is in the process of being tested. Contact Bob Cieslak for the most up-to-date status. The testing was limited to SuperStick™ Nylon, Standard and Lit. A wide assortment of applications was used for testing, predominantly dark colors and high coverage.

### **Product Strengths:**

- The SuperStick™ film had a wide operating window, 235 – 275 F.
- Excellent adhesion to all paper stocks tested.
- Exceptionally easy to apply, low static, minimal tension requirements.
- Excellent overall appearance, very smooth and clear.

### **Product Weaknesses:**

- There were no apparent product weaknesses observed during testing.

### **Test Results:**

- The SuperStick™ film was applied to a variety of Xerox papers using a number of different laminating machines. The temperature was recorded at the contact area between the pressure and heat rolls using temperature sensitive tape adhered directly to media to be laminated. A standard test pattern was used to perform pull testing; this was done with a variety of Xerox papers. In most cases a minimum of 40 in/oz was required to pull off the film, making it acceptable for most laminating applications including book covers. All the papers were used as book covers to ensure that good adhesion is maintained while binding and trimming. Part of the testing involved production quantities being laminated and used as book covers.

### **Productivity:**

- During testing, digital output was successfully laminated at speeds up to 25 fpm.
- Approximately 17 - 11X17 sheets per minute. The operating temperature at the heat roll needs to be maintained in the operating window to increase the speed.

Tested By

Bob Cieslak

March 22, 2002