

# FIBERPLUS - APPLICATION INSTRUCTIONS

## Heat Transfer Polyester Flock Film for Sublimation Printing

Print sublimation paper in mirror image



FiberPlus is a micro-fiber flock film specifically formulated to receive inks by way of the sublimation transfer process. The polyester micro fibers absorb and retain color fastness through extended washing cycles when using proper washing & drying care.

When using the sublimation heat transfer process the printed image is then transferred onto FiberPlus at 375 to 410°F



Transfer sublimation image to FiberPlus

for 40 to 60 seconds using low pressure. **Let the image cool for a minimum of 30 minutes or longer before cutting** and transferring to the textile. The designs are cut on a plotter / cutter using registration marks to support cutting accuracy, or simply hand cut. After applying **Flock/Flex High tack** transfer tape the design is removed from the carrier and applied to the textile at **330°F / 165°C for 17 sec. using low to medium pressure, Hot/Warm peel.** **Connected graphic images may be transferred without using transfer tape.**



Cut and transfer to textile

FiberPlus is suitable for cotton, cotton – polyester and blended fabric. It is not suitable for nylon and other coated textiles. It is wash resistant up to 140°F / 60 °C.

Available in rolls and also A3 sheets, 50 sheets per box.

**Transferring Sublimated Images to FiberPlus:** Transfer temperatures & time may vary slightly based on sublimation inks & paper variables.

**Garment Care:** Wait 24 hours before first washing, wash & dry garment inside out, machine wash & dry at low temperatures. See “Wash Resistance” specification. Use mild detergents. No Chlorine. We do not recommend Dry Cleaning Flex or Flock.

### Suitable Inks:

- Sublimation Inks

### Printer Profile Setting:

- Specific to ink, printer & paper used

### Suitable Textiles:

- Cotton, cotton – polyester & blended textiles. Not suitable for nylon or coated textiles

### Cutting Conditions:

- Blade: Relief angle 45° optimum
- Blade pressure, med, 120 to 160 grams of down force. Test cuts recommended
- Cutting Speed: ≈20 cm/s

### Sublimation to FiberPlus:

- Temperature: 375 to 410°F
- Time: 30 to 40 sec.
- Pressure, low

### Transfer Tape:

- Flock/Flex High Tack Tape required when transferring unconnected graphics

### Heat Transfer to textile:

- Temperature: 330°F / 165°C
- Time: 17 sec.
- Pressure: low to medium
- Hot/Warm peel of transfer tape

### Wash Resistance:

- 140°F / 60°C wash resistant

### Available in:

- 19.7” x 5 & 10 yds.
- A3, box of 50 sheets

Call for additional roll widths and lengths



Oeko-Tex® Product Class I

Store SEF Heat Transfer Materials in a cool and dry place; protect against the influence of light when stored. We recommend not to exceed a storage period of 24 months. Due to the variety of possible influences / exposure outside of our control, to include processing / use, all specifications should be viewed as reference values. We recommend a suitability test to the material before a production. Technical specifications rest on extensive tests and technical research, however, a legally binding warranty of specific characteristics and or performance cannot be provided.



Heat Transfer Material for Textiles

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### Technical Support:

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### Technical Information

“Tips & Tricks”

<http://SEFamericas.blogspot.com>