

GRAFFITI - V2 – APPLICATION INSTRUCTIONS

Printable Flex Film for Eco-Solvent, Solvent, Latex & UV Inks



Graffiti-v2 is a high-quality, matte / semi-gloss, white multi-layer polyurethane film on a polyester liner / carrier. Graffiti is a very thin, super soft film with high opacity. Graffiti is compatible with eco-solvent, solvent, TrueVis (1st Gen. & 2nd Gen. Inks.), latex & UV inks. **When printing with Hewlett Packard 3rd generation Latex inks, we recommend a post curing setting of 195F/90C. Follow this link for our printer profiles for HP's 300 & 500 series models: (<http://www.seftextile.com/us/>), Graffiti Download Folder. For Eco-Solvent and Solvent ink printers, we recommend the use of Pre & Post heat of 104F.**

Print and Cut

Verify the printed design / ink is dry before applying our **FlexTape Plus** transfer tape. Drying time is generally very quick but it can take up to 5 / 6 hours or more based on the type of ink, ink density and ambient conditions. To apply our **FlexTape Plus** transfer tape, please see page 2 for additional instructions for transfer recommendations that have yielded positive results.

Heat Transfer, Option 1: *With the image facing up,*

peel the transfer away from the liner / carrier. Pre-Heat textile for 3-5 seconds. Apply the graphic to the textile and press for 20 seconds at 265°F / 130°C with medium high pressure. Then after 5 sec. remove the **transfer tape** using a **hot peel**. Washing resistance up to 104°F / 40°C. For 100% Polyester textiles, Press for 12 seconds.

Heat Transfer, Option 2: Alternate pressing method which can provide higher washing resistance, up to 140°F / 60°C.

With the image facing up, peel the transfer away from the liner / carrier. Pre-Heat textile for 3-5 seconds. Apply graphic to the textile and press for 7-10 seconds at 265°F / 130°C, medium high pressure. After 5 sec. remove the **FlexTape** using a **hot peel**. Do a second pressing without the transfer tape for 5-7 seconds at 265°F / 130°C. No protection paper of film required.

Heat Transfer, Option 3: **Non-Washables:**

Heat setting at low temperatures may be possible, as low as 240F - 265F /, for 10 seconds plus or minus, **Hot / Warm Peel** (Testing Recommended). **"Limited Washing Resistance"**.

Apply FlexTape



Wait 5 Sec. Hot Peel

Suitable Inks:

- Eco-Solvent, Solvent, TrueVis v1 & v2,
- Latex, UV

Printer Profile Setting:

- Roland's, Printers Profiles: HTM2 or HTM3, Garment Heat Transfer
- Use printer manufacture's profile for heat transfer material
- HP Latex Printers, **use SEF's profile**

Heat Settings, Pre & Post, Eco-Solvent & Solvent inks:

- **104F Pre & Post heat recommended**

Suitable Textiles:

- Cotton, cotton / polyester & blended textiles. Not suitable for Nylon or heavily coated textiles
- **Fabrics made of polyester or contain polyester may exhibit dye / Ink migration / bleeding and require testing before full production"** Use of our **SBB** products, (**S**ublimation **B**locking **B**arrier) may be required.

Cutting Conditions:

- Blade: Relief angle 30° or 45°
- Blade pressure, med., 50 to 80 grams of down force. Test cuts recommended
- Cutting Speed: ≈40 cm/s

Transfer Tape:

- **FlexTape Plus** transfer tape required

Transfer, Option 1:

- Temperature: 265°F / 130°C
- Time: 20 sec
- 100% Polyesters Press for 12 sec.
- Pressure: medium high
- **Wait 5 sec. Hot peel** the transfer tape
- Washing resistance, 104°F / 40°C

Wash Resistance:

- **Option 1** will provide a washing resistance 104°F / 40°C
- **For higher washing resistance of 140°F / 60°C use transfer option 2**

Available in:

- 19.7" x 5, 10, 25 & 50 yds.
- 29.5" x 5, 10, 25 & 50 yds.
- Custom sizes 54" & 60" x 25 & 50 yds.

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.

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.



SEF Americas
14476-201 Duval Place West
Jacksonville, FL 32218
T 904-423-0211
T 1-844-720-9600
F 904-423-0899
www.SEFamericas.com
sales@SEFamericas.com



Technical Support:
Toll Free 1-844-720-9601

techsupport@SEFamericas.com

Technical Information
"Tips & Tricks"

<http://SEFamericas.blogspot.com>

GRAFFITI - V2 – APPLICATION INSTRUCTIONS

Graffiti Cutting & Transfer Recommendations

Graffiti should be cut with a 30 or 45 degree "sharp" blade at approximately 50 to 80 grams of down force. If you are using more down force than 80 grams, change your blade out for a new one. We recommend that you always do a test cut before starting a production. A dull blade will make for more difficult weeding and transferring of a graphic.

Contour Cutting: if you experience cutting issues when cutting into the bleed, we recommend you set the "Dry Time" to 3 to 5 minutes. This will allow for the ink to dry prior to making the contour cut.

For Information on cutting tips, you can visit our company's Blog: (<http://SEFamericas.blogspot.com>), articles / Bulletins, i.e. [Plotter Cutting Heat Transfer Films](#)

Procedure for masking and peeling of graphics from the carrier as follows:

1. We recommend waiting at least 30 minutes and up to 5/6 hours for the printed graphic to dry before applying the transfer tape. Drying could take longer based on ink density, the ambient temperature and humidity in the shop.
2. For best results, apply the transfer tape and allow 30 minutes dwell time for the transfer tape to increase bond. Adhesives build over time. **See item 3 for removing graphic from its carrier film.**
3. Before peeling the graphic, re-squeegee the graphic firmly, then with the graphic laying on the table "image facing up" (see pictures), lift the transfer tape up and away from the liner / carrier. If the transfer tape picks the graphic up at 30 minutes dwell time, you can shorten the waiting period.



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.

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.



SEF Americas
14476-201 Duval Place West
Jacksonville, FL 32218
T 904-423-0211
T 1-844-720-9600
F 904-423-0899
www.SEFamericas.com
sales@SEFamericas.com



Technical Support:
Toll Free 1-844-720-9601
techsupport@SEFamericas.com

Technical Information
"Tips & Tricks"
<http://SEFamericas.blogspot.com>