

TEXTILE PRINTER

The **Epson SureColor SC-F1000** is a hybrid printer designed to switch seamlessly between Direct-to-Garment (**DTG**) and Direct-to-Film (**DTF**) printing. Choosing between the two methods depends on your fabric material, print location, and desired texture.

When to use DTG (Direct to Garment)

Use DTG when you are printing directly onto high-cotton garments and want the softest possible feel.

- **Cotton Fabrics:** Requires at least 50% cotton (100% is ideal) with a tight weave. Great for t-shirts, hoodies, and tote bags.
- **Soft Hand Feel:** Ink absorbs into the fibers. The print does not feel like a thick layer, making it perfect for large designs.
- **Complex Gradients:** Blends colors and detailed photographs naturally into the fabric.
- **In-Store Printing:** Faster for walk-in customers. It involves fewer steps since you do not have to handle adhesive powder in a retail space.

When to use DTF (Direct to Film)

Use DTF when you print the design onto a transfer film first, apply adhesive powder, heat-cure it, and then press it onto the garment.

- **Synthetic Materials:** Works perfectly on fabrics where DTG fails. This includes 100% polyester, nylon, performance wear, leather, and denim.
- **Difficult Placements:** Ideal for caps, sleeves, collars, tags, or bags that cannot fit flat on the printer platen.
- **Batch Production:** You can print multiple designs onto a roll or sheet of film, store them, and heat-press them later when an order comes in.
- **No Liquid Pretreatment:** Dark garments do not require the liquid pretreatment spray needed for DTG. This eliminates the risk of "pretreatment staining" on dark shirts.

Summary Comparison

Feature	DTG (Direct to Garment)	DTF (Direct to Film)
Best Fabric	Cotton and high-cotton blends	Polyester, nylon, leather, denim, etc.
Garment Color	Light and dark (dark requires white ink)	All colors
Texture/Feel	Very soft and breathable	Smooth, vinyl-like film layer
Placement	Flat, open surfaces only (chest, back)	Anywhere (sleeves, caps, pockets, labels)
Pretreatment	Requires liquid spray for dark fabrics	No fabric pretreatment required