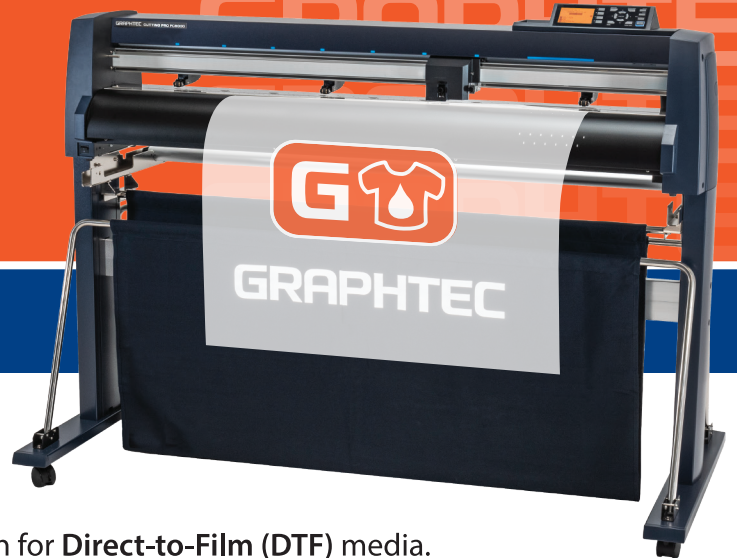


GRAPHTEC

**DTF**  
DIRECT TO FILM



GRAPHTEC  
GRAPHTEC



## FC9000 SERIES

### CUTTING DTF MATERIAL

The Graphtec FC9000 Series is your cutting solution for Direct-to-Film (DTF) media.

This comprehensive tech sheet provides important setup instructions, optimal settings, and tips to ensure a seamless cutting experience with this groundbreaking media.

Unleash your potential and embrace the DTF revolution by unlocking new possibilities with the Graphtec FC9000 Series Cutter.



Use QR Codes for VIDEO TUTORIALS



Blade Loupe PM-CT-001

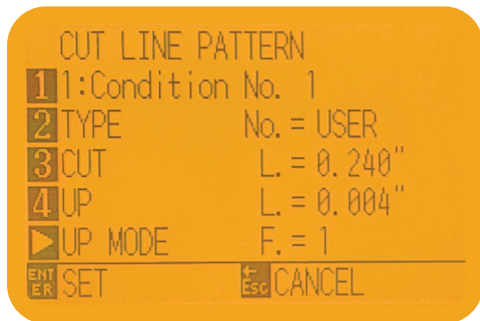
#### BLADE SETTINGS

**Blade:** CB09UB - *Sharp Blade Recommended*

**Blade Length:** 2nd line on blade loupe



DEMO VIDEO



#### CONTROL PANEL SETTINGS

Speed: 15

Force: 14 to 15

Acceleration: 2

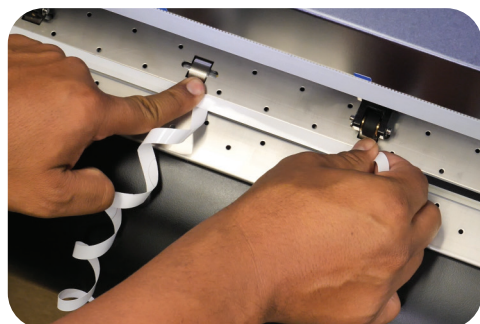
CUT LINE PATTERN:

USER / Cut: .240in / UP: .002 to .004

Up Mode: 1 / Moving Speed: 10cm/s



DEMO VIDEO



#### CUTTING STRIP

Because each DTF Printer uses independent RIP Software, not all have the option to create proper registration marks.

Graphtec recommends cutting a 3/8" wide strip of white sign vinyl to cover the teflon cutting strip for the entire width of DTF Material being cut. Remove the strip when cutting any other media.



DEMO VIDEO





## FC9000 SERIES

# CUTTING DTF MATERIAL

## ABOUT DTF MATERIALS

**3 types of DTF Materials: Cold DTF, Hot DTF and Double-Sided DTF**  
Materials all feel the same in texture and weight, but transparencies vary.

### COLD DTF

- Gives better results with vibrant prints
- Requires a waiting period after garment is pressed to cool down before peeling.
- Film material is a transparent frost.

### HOT DTF

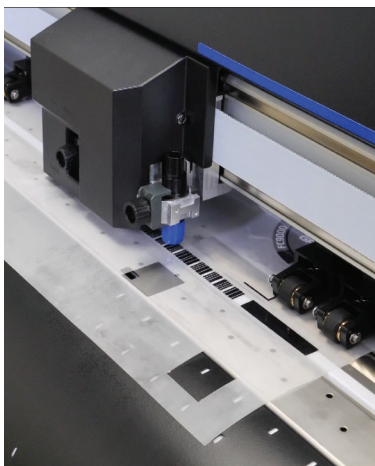
- Faster solution no waiting period before peeling film from fabric.
- Print colors are less vibrant than Cold DTF.
- Film material is more transparent than the others.

### DOUBLE-SIDE DTF

- Double-sided material has better traction, less drifting vs single sided.
- Film material is a transparent frost.



## DTF CUTTING TIPS and TRICKS



- Familiarize yourself with each type of DTF Media by cutting a section without prints and adjust settings as needed.
- DTF material will only perforate accurately over the Teflon cutting strip covered with adhesive white vinyl. Cutting over the channel will eventually cause the material to buckle up or jam.
- Speed should be set at 15, but can be increased depending on size and length.
- Scan Mode 1 setting will depend on the film. Adjust Level may vary but should be set at -25 for HOT DTF
- When using CuttingMaster 4 plugin, set the Cut Plot Feature to cut counter-clockwise. This mode setting will help minimize bunching or buckling of the DTF media.

