

Financially Necessary

# GOLD

## METALLIC

LOW  
CURE

FX

### BENEFITS

- FN-INK™ Metallic Gold can be printed on its own or mixed with other colors, so printers can add a sparkling effect to any print.
- The metallic ink maintains the soft-hand feel printers have loved with the FN-INK™ line.
- It's a vibrant, glimmering ink that'll make a print stand out from the rest.

Make a print shimmer with FN-INK™ Metallic Gold. It's a low cure metallic ink that can be printed directly to fabric, printed over an underbase, and mixed with other colors.

FN-INK™ Metallic Gold is a low cure ink. However, the flakes will reflect heat when cured in an electric dryer, which slows down the cure process. Proper wash testing should be performed to ensure cure parameters are optimal before running any production.

FN-INK™ Metallic Gold is not a low bleed ink. If printing on a poly or poly blended garment, please consider using a low bleed underbase.

Unlock specialty printing today with FN-INK™ Metallic Gold.

### FEATURES

- Vibrant & glittery
- Easy to work with
- Soft hand prints
- Can mix with other colors

### RECOMMENDATION FOR USE

**Printing direct to fabric:** Lower mesh counts will be best if printing FN-INK™ Metallic Gold directly to fabric. 86 or 110 mesh is recommended, but printers can go up to 156 standard mesh if needed. If using thin thread mesh, 110-156 mesh will work great.

**If you are printing over a base white or another color:** Use 156 mesh or higher to better control the ink deposit. If using thin thread, you can print through up to 230 mesh.

Some designs will require the use of higher mesh counts like 230 and above. It is recommended to print FN-INK™ Metallic

Gold over either a clear or color underbase or a white base. A white base will give the gold a brighter appearance.

**Adding color to gold:** There is no limit on how much ink you can add to FN-INK™ Metallic Gold. You can add 10%-20% of a color to gold to give it a tint. You can also add the gold to a color at 10%-20% to create a slight sparkle effect. For example, adding 20% of gold to Black FN-INK™ creates a subtle, shimmering effect that works well as a background color.

All gold flake inks will introduce a gold color value (a red, yellow, black tint) to the ink. As a result, not all colors will look the way you may want or expect. For example, adding Bright Red to Gold at 20% will create a brown shade of ink.

While it is suggested to use complimentary colors when tinting FN-INK™ Metallic Gold, the ratios may need to be adjusted to match expectations. Test new colors thoroughly before starting production.

*\*Some colors are inherently translucent and any addition of a clear additive will create a loss of opacity or coverage.*

### STENCIL & EMULSION GUIDELINES

Any emulsion works with FN-INK™ Metallic Gold.

#### Mesh Counts for Direct to Fabric

- Standard Mesh: 86-156
- Thin Thread: 110-156 (Thin thread will look and print the best.)

#### Mesh Counts for Over an Underbase

- Standard Mesh: 156-180
- Thin Thread: 156-230 (Thin thread mesh will look and print best.)

### MIXING

Be sure to stir the product prior to use. Stir thoroughly. Print and perform a wash test before production.

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## MODIFYING

The ink is ready to print right out of the container, no modification is necessary. If desired, you can modify it with a curable reducer at up to 5% by weight. If greater stretch is required for troublesome garments, add FN-INK™ Stretch starting at 5%. Add more if greater stretch is desired.

## PRINTING

Use a 70 durometer or a 65/90/65 squeegee blade to produce an even print with enough flake deposit. Using a blade that is too soft will not properly shear the ink. A squeegee with a stiffer, harder blade will shear a thinner ink deposit.

When possible, do a flood print. The flood stroke will pre-fill the stencil and make it easier to fully clear the ink and flake from the screen. It'll make a smoother ink deposit.

## CURING

Even though FN-INK™ Gold is a low cure ink, it can reflect heat in electric dryers, which means the metallic ink takes longer to cure compared to the classic line of FN-INK™. Increase the dwell time (retention time in the conveyor dryer) or the temperature to ensure the ink reaches full cure.

## TESTING & PRECAUTIONS

When testing cured ink, perform a wash test to ensure proper cure prior to going into production. If the gold prompts any issues after a wash test, then the metallic ink did not reach full cure.

## CLEAN UP

Use any press wash to clean it up.

## STORAGE

Keep container(s) tightly closed. Store in a cool, well-ventilated location out of direct sunlight.

FN  
INK