

## FEATURES

- 156\* Metallic Silver, 157\* Metallic Gold and 158\* Metallic Copper are bleed resistant Shimmer Plastisols that are press ready.
- 146 Ruby Red, 147 Green, 148 Royal, and 149 Purple Fashion Color Metallic Shimmers are pre-mixed and ready for printing.
- They provide a bright, non-tarnishing metallic sparkle to printed garments.
- The inks consist of a fine, shimmering glitter flake in a low bleed, low fusion, easy to print base. This is a real plus for hand and automatic printers, when it comes to wear and tear on people and equipment.

## Application & Storage Information

RECOMMENDED FABRICS	100% cotton, and some cotton/polyester blends. Always test print fabric before beginning a production run.
INK APPLICATION	METALLIC SHIMMERS should be printed onto a garment right from the container without any modifications. Thinning this product may reduce the metallic sparkle. If modification is necessary use the following reducers: <b>DARK GARMENTS:</b> Use 1099 Low Bleed Curable Reducer (Add 1% to 5% by weight). <b>LIGHT GARMENTS:</b> Use 1110LF Curable or 1099LF Low Bleed Curable Reducer (Add 1% to 10% by Volume).
SCREEN MESH AND EMULSION	86 - 160 t/in or 24 - 63 t/cm Monofilament Any direct or indirect lacquer proof emulsion.
SQUEEGEE	60-70 Durometer: Sharp or beveled edge
CURE TEMPERATURE	325°F (163°C) entire ink film. Test dryer temperatures and wash test printed product before and during a production run.
CLEAN-UP	Any environmentally friendly plastisol screen wash.
PRODUCT PACKAGING	Quart, 1 Gallon, or 5 Gallon, or 30 Gallon Containers.
STORAGE OF INK CONTAINERS	Recommend storage at 65°F to 90°F (18°C to 32°C). Avoid storage in direct sunlight. Keep containers well sealed.
PRODUCT MSDS	Refer to material safety data sheet MSDS8.

## IMPORTANT INFORMATION

1. 156, 157 & 158 Shimmers are bleed resistant inks, not non-bleed inks. On some types of fabric, bleeding or dye migration may occur. Always test print the fabric to be printed before beginning production. It is best to do some long term testing on some fabrics to determine if they are going to bleed. Bleeding or dye migration may not occur immediately.
2. Print 156, 157 or 158 Shimmer last in a design, when printing wet on wet, to avoid excessive pick-up of the glitter flakes.
3. Too high of a temperature in the dryer, above 350°F (177°C), may reduce the brilliance of the Metallic Shimmer inks.
4. The Metallic Shimmers will spot dry, with a very low after flash tack, in 2 to 8 seconds depending on the spot dryer used. This allows the inks to be printed earlier in a design when desired.
5. 156 Metallic Silver, because of the quick flash time and low after flash tack, can be used as an under base instead of white. In some instances, this method will offer a softer hand with greater opacity than white ink.
6. The Metallic Shimmers have good opacity on dark fabrics. However, in some instances, when printing through finer mesh counts, double hits with or without a flash may be needed. This is especially true when printing 157 or 158 Metallic Shimmer on dark fabrics.

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156-158, 146-149 METALLIC SHIMMERS