

# 3811 Granite Base

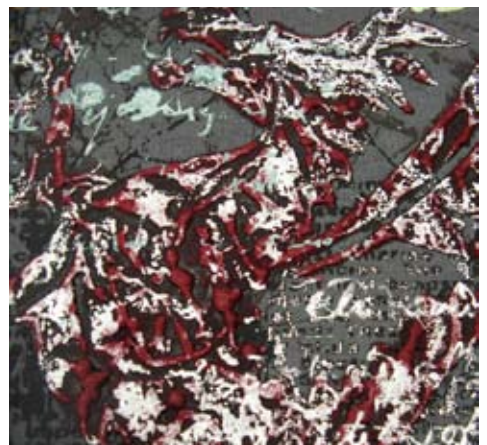
3811 Granite™ Base is a very versatile ink that dries to form a granite- or vinyl-like substrate that can be used alone or in combination with other products to create various textures and special printing effects.

3811 Granite™ Base can be printed on light or dark fabrics, as a flat print or a high density print, producing a wide variety of textured effects and fabric-textured surfaces.

- ➔ 3811 Granite™ Base is press ready and offers excellent wash-fastness after curing, even when printed as a thick textured layer.
- ➔ 3811 Granite™ Base can be used on 100% cotton and cotton/poly blend fabrics.
- ➔ 3811 Granite™ Base can act as a foil adhesive.
- ➔ 3811 Granite™ Base is ideal for adding special effects or texture to a design and can further be enhanced by adding tints or foils
- ➔ 3811 Granite™ Base can be printed on textured surfaces and/or using larger ink deposits to achieve multiple and varied special effects. A longer drying time or increased temperature will also change the texturing of the 3811 Granite™ Base.

The applications are limitless! Order your 3811 Granite™ Base today and try this versatile ink! 3811 Granite™ Base is available through International Coatings' exclusive network of distributor companies.

Contact us at 1 (800) 423-4103 (within the U.S. only) or 1 (562) 926-1010, or visit [www.iccink.com](http://www.iccink.com) for more information.



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# Granite Base Product Bulletin



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## FEATURES

- 3811 LF\* Granite Base™ Special Effects ink.
- Use to create unique textured surfaces.
- Use as a stand-alone product or in combination with other inks such as International Coatings' BlowOut Base™ or 7400 UltraMix® Color Concentrates to create a variety of new textures and looks.
- Very creamy, short bodied ink, with low tack for ease of printing.
- For use on 100% cotton and some polyester or cotton/polyester blends.

\*LF (Lead Free) Contains less than 0.025% lead.

## Application & Storage Information

<b>RECOMMENDED FABRICS</b>	100% cotton and some polyester or cotton/polyester blends. Use as an under base or as is. Always test print for bleeding or dye migration.
<b>INK APPLICATION</b>	Granite Base™ can be printed with or without any modifications depending on the desired results. Thinning of this product is not recommended.
<b>SCREEN MESH AND EMULSION</b>	83 to 160 t/in or 32 to 63 t/cm Monofilament Any direct or indirect lacquer resistant emulsion. 200 to 700 Micron Capillary Film
<b>SQUEEGEE</b>	65-70 Durometer: Sharp Edge 60-90-60 or 70-90-70 Triple Durometer: Sharp Edge
<b>CURE TEMPERATURES</b>	325°F (163°C) Entire ink film. Test dryer temperatures and wash test printed product before and during a production run.
<b>CLEAN-UP</b>	Any environmentally friendly plastisol screen wash.
<b>PRODUCT PACKAGING</b>	1 Gallon, 5 Gallon, or 30 Gallon Containers.
<b>STORAGE OF INK CONTAINERS</b>	Recommend storage at 65°F to 90°F (18°C to 32°C). Avoid storage in direct sunlight. Keep containers well sealed. Use within one year of receipt.
<b>PRODUCT MSDS</b>	Refer to Material Safety Data Sheet MSDS8

## MODIFYING INK

Due to its unique properties, 3811 LF Granite Base™ can be modified to produce many varied looks and textures. Modified Granite Base™ should only be used in production after thorough testing of the modified product. Always test for wash fastness before beginning a production run.

## SPOT FLASHING

3811 LF Granite Base™ will spot dry, with very low after-flash tack, in 3 to 8 seconds depending on the spot dryer used. Too much heat / time may cause the ink to become sticky after flashing. Adjust flash unit accordingly. When spot drying, the ink should be just dry to the touch, with no lift off, but not totally fused. Totally fusing the ink may cause inter-coat adhesion problems with the inks printed on top of the flashed ink. Final curing / fusing should occur in the dryer.

## CREATIVITY

3811 LF Granite Base™ allows the printer to create unique, assorted textures and looks using a variety of print techniques and ink modifications. From adding color concentrates to the Granite Base™, overprinting, under basing or mixing in metallic inks, the potential of Granite Base™ is only limited by the user's creativity. 3811 LF Granite Base can also be used as a foil adhesive to achieve an even greater variety of looks. Running the Granite Base™ through the dryer at higher than recommended temperatures or longer dwell times will also create a variety of different looks.

## IMPORTANT INFORMATION

1. 3811 LF Granite Base™ is not a bleed resistant ink and on some types of fabric, bleeding or dye migration may occur. Always test for possible dye migration before beginning a production run. Bleeding or dye migration may not occur right away.
2. Always stir 3811 LF Granite Base™ before using.
3. 3811 LF Granite Base™ must be mixed with other inks or color concentrates, or over-printed with other inks to obtain maximum opacity on dark fabrics.
4. It is extremely important to keep 3811LF Granite Base™ from getting too hot in storage. Temperatures above 90°F (32°C) will cause the ink to thicken to a point where the ink may be difficult to use.

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