



3802 FOIL RESIST ADDITIVE



RECOMMENDED FABRICS
100% Cotton
Some 50/50 Cotton/Polyester Blends



INK APPLICATION
3802 Foil Resist Additive can be mixed into most standard plastisol inks to make mixed ink resist foil during application of foil in a heat press.



ADDITIVES
Not recommended.



SCREEN MESH
86-160 t/in (34-63 t/cm)
monofilament



EMULSION
Any direct or indirect emulsion or capillary film in the 35 to 70 micron range



SQUEEGEE
65-70 Durometer
Sharp edge



CURE TEMPERATURES
325°F (163°C) entire ink film



CLEAN-UP
Any eco-friendly plastisol screen wash



PRODUCT PACKAGING
Quart, 1 gallon, 5 gallon, 30 gallon or 50 gallon containers



STORAGE OF INK CONTAINERS
65° to 90°F (18°C to 32°C)
Avoid storage in direct sunlight
Keep containers well sealed



SDS
Refer to SDS prior to use

FEATURES

3802 Foil Resist Additive helps to resist foil adhesion when applying foil in a heat press.

Use to create multi-color designs with foil sticking only to the desired areas of the design or print.

Easily mixes into and works with most standard plastisol inks.

SPOT FLASHING

3802 Foil Resist Additive may slow down the flash times of some plastisol inks. 3802 Foil Resist Additive should spot dry, with very low after-flash tack, in 3 to 8 seconds depending on the spot dryer used and the ink the additive is mixed into. Too much heat / time may cause the mixed 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 mixed with 3802 may cause some adhesion problems with the foil that is being applied. Final curing / fusing should occur in the dryer.

IMPORTANT INFORMATION

For best foil application results, it is important to apply foil within 24 hours of printing and while print is warm.

3802 Foil Resist Additive and its use should be thoroughly tested for effectiveness and wash fastness before beginning a production run. Due to the difference in inks that the additive may be added to and the difference in the type of foils used, prior testing before beginning production is strongly recommended to help insure proper performance of the combined products.

The 3802 Foil Resist Additive is not a bleed resistant product and should be tested when used on fabrics where bleeding or dye migration may occur. Bleeding or dye migration may not occur right away.

Always stir 3802 Foil Resist Additive and mix thoroughly into other inks before using (**maximum 10% to 15%**) by weight.

Do not use 3802 Foil Resist Additive as is. The additive **must** be mixed into another ink before use.

On some fabrics, wicking to the side of the image may occur if too much 3802 is used in the mixed ink. Test to make sure this is not happening before and after the foil application process.

The addition of 3802 Foil Resist Additive may cause the mixed ink to crock and will make the mixed ink more prone to fibrillation on problem fabrics. Wash tests should be performed before beginning production runs.

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