



Frosty Inks

Specialty Screen Ink

AIR DRY/CONVENTIONAL

Always test ink on substrate prior to production run. Please refer to the MSDS for safety precautions.

Description: Frosty Inks are tough and low odor inks for plastic and metal. The smooth and light consistency allows a clean cutting action during the squeegee traverse. The solvent blend of the Frosty Inks are formulated so the printed film becomes completely dry after controlled exposure to jet drying or baking conditions.

Features:

- Appliance Approved
- Ease of Application
- Low Odor
- Tough
- Block Resistant
- Solvent Resistant

Substrates:

- Glass
- Styrene Noryl
- Metal
- Polycarbonate
- Vinyl
- Plastic

Stencil: Use a lacquer proof or direct emulsion film, photographic or water-soluble hand-cut stencil.

Coverage: 400 - 500 sq/ft. per gallon depending on ink deposit

Application: Deco-Chem's Frosty Inks are engineered to be directly screen printed onto the substrate using a 65 - 260 mesh screen.

Cure Parameters-Air Dry: Air or jet dry in 4 to 20 minutes depending on racking procedure and shop conditions. Proper air flow through the racks will maximize air drying. Force drying may be achieved at 120 to 150°F in seconds depending on ink deposit.

Cure Parameters-Baking: Baking temperatures may vary depending on ink deposit, placement of parts in the oven and equipment. Pretests are recommended prior to production run.

250°F for 25 minutes	275°F for 15 minutes	300°F for 10 minutes
350°F for 8 minutes	400°F for 4 minutes	450°F for 3 minutes

Additives: Vary depending on system used

Cleaner: 3883 Wash-up

Storage: Ink should be stored in a metal container at room temperature (75°F). Inks previously used for printing runs should be stored in a separate container to avoid cross contamination. Ink has a minimum shelf life of 6 months from date of manufacture if the above guidelines are followed and there has been nothing added to the ink.

Sizes: 1 and 5 Gallon Pails or 30 or 55 Gallon Drums Available

Contact us today for a current product list and about customizing an ink's look, feel or texture just for you.

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