

No-Tox[®] TEMPORARY TATTOO INKS

(SCREEN PRINT)

NT28TAT
(02/12)

- Product Type:** Modified cellulosic.
- Printing Method:** Screen printing
- Suggested Uses:** Specifically designed with FDA cosmetic regulation-compliant pigments to print adhesive tattoos.
- Stocks:** Best suited for use with water-release decal papers. Other release-coated stocks may be suitable but should be tested for ink acceptance, drying and release .
- Specific Characteristics:** A one-part, air-dry or heat-assisted cure system providing good printability on above substrates.
- Equipment Requirements:** Compatible with all types of screens and squeegees that are typically used with lacquer-type inks. 200 - 360 line count screens are generally used.
- Additives and Diluents*:** Supplied at higher than “press-ready” viscosities to allow for viscosity and drying rate adjustment flexibility at press-side.
- Recommended Solvents:** The following solvents and blends are intended only as a guide. Other ratios may be better suited for your specific application. For additional assistance, contact our Technical Services Department.
- Normal: 100% Glycol Ether (PM recommended)
- Fast: 70% Glycol Ether
30% Naphtha (VM&P or Hi-Flash)
- Slow: Butyl Carbitol[®] (Butoxy Diethylene Glycol)
- Wash-Up:** Any of these same solvents may be used for wash-up.
- Color Availability:** Process colors and opaque white are standard, along with clear underprint varnish. Matched colors may be available but are subject to minimum order requirements. Shades will be limited due to the type of pigments which must be used.
- Shelf Life:** Minimum one year in unopened containers.
- FDA Acceptability*:** All components used in these No-Tox inks are sanctioned by the FDA and USDA as acceptable for direct food contact. All pigments are compliant for use in cosmetics as per 21CFR Part 73, Subpart C or Part 82, Subpart C.

*Note: FDA acceptability is based on the ink as supplied. Therefore, no materials should be added other than those indicated in this bulletin unless specifically recommended by Colorcon.

RECOMMENDATIONS FOR MAKING TEMPORARY TATTOOS

Steps for Producing Temporary Tattoos

1. Print clear underprint varnish on the release paper. This varnish will provide protection to the tattoo once the tattoo is transferred to the skin.
2. Each additional color should be printed after the previous down varnish or ink has been dried.
3. Note: The artwork should be designed such that a “reverse” image is printed. In this way the tattoo will be correct once applied to the skin. Also, if the tattoo is to have an overall or partial background white, the white must be the last color printed.
4. After all colors have been printed, a cosmetic or medical grade adhesive must be deposited over the entire tattoo. This adhesive is what allows the tattoo to adhere to the skin. No-Tox distributes a waterbased adhesive, XN-1658, which is suitable for this use. See Technical Data Sheet “NT19 ADH” for information on this adhesive.
5. A suitable “slip-sheet” must be placed between the finished tattoo sheets if they are to be stacked, or between individual tattoos when stacking or packing after die cutting.

To Apply Tattoo to Skin

1. Remove slip sheet and place adhesive side down on the skin.
2. Thoroughly wet the back of the tattoo with water.
3. After 30 seconds, gently slide the paper away and the tattoo is ready for wear!
4. Under normal conditions a tattoo may last for up to a week on the skin. For quick removal of the tattoo from the skin, rubbing alcohol or cold creme can be used.

Sources for Water-Release Paper and Slip Sheets.

Tullis Russell Company
Fairfield, CT
Phone: 203-256-9522
E-mail: info@tullisrussellusa.com
(paper: “Trucal Advantage 170”)
www.tullis-russell.co.uk.com

Fasson Roll Label Products
Painesville, OH
Phone: 800-944-8511
Phone: 440-358-2600
(“Fasson Tattoo Paper” and “Easy Release Liner”)
www.na.fasson.com

Griff Specialty Paper and Film
Fallsington, PA
Phone: 215-428-1075
(Slip sheets)
www.papaerandfilm.com