

TAL 2000 System

PRODUCT INFORMATION

System 2000 provides the user with 15 Mix and Match, Fluorescent, and Four Color Process colors along with a Clear Base and a Terry Towel Base. See System 4000 for color mixing formulas using color concentrates and clear base.

APPLICATION FIELD

Press ready System 2000 is designed for use on light colored cotton, cotton blends, and natural fibers.

APPLICATION PROCESS

Substrates	Light colored cotton, cotton blends, and natural fibers
Th/cm	From 110 to 230 (43 to 90 cm), 80 to 150 for towels and carpets, and 230 to 350 for four color process printing.
Emulsion	Use high performance water resistant emulsions. For best results stencils must be thoroughly dry before exposure and after exposure washout. Post exposure is helpful.
Squeegee	Sharp 60 to 70 with sharp blade
Drying	Full cure will occur at 350 degrees F. for two minutes with good air flow. Failure to cure correctly will result in reduced crock resistance and wash-fastness. Test thoroughly prior to production.
Cleaning	Wash up on press with a press wash and reclaim with degradents specifically developed for water based inks.
Storage	Store at room temperature, below 100° F (38° C). Always avoid open flames and excessive heat exposure. Protect from freezing.
Packaging	Available in quarts, gallons and five-gallon pails.
SDS	Available upon request

ADDITIVES AND THINNERS

Water – Up to 5% water may be added to decrease viscosity without a significant loss of opacity or adhesion.

Concentrate 28 thickener will increase the viscosity of any TAL-INK system. Used only under shear, to prevent uneven thickening. Add at 0.5% increments to Tal-2000.

Printsoft – This easy to use soft-hand additive is ideal when applying heavy prints to towels, T's, and carpeting. Suggested addition is 1 to 2%.

RT-1600 – A retarder for use when high plant temperatures affect ink performance. Suggested addition is .5 to 2%.

PRODUCT RANGE

Standard colors

Code	
2001	CLEAR BASE
2002	CLEAR TERRY TOWEL BASE
2005	MIXING WHITE (TRANSPARENT)
2012	YELLOW
2014	ORANGE
2016	WARM RED
2017	RED
2018	RUBINE RED
2019	RHODAMINE RED
2022	PURPLE
2024	VIOLET
2026	BLUE
2028	REFLEX BLUE
2030	PROCESS BLUE
2032	GREEN
2034	PRINT BLACK

Four color process colors

Code	
2041	FOUR COLOR PROCESS YELLOW
2042	FOUR COLOR PROCESS MAGENTA
2043	FOUR COLOR PROCESS CYAN
2044	FOUR COLOR PORCESS BLACK

**Fluorescent color
(To order only, 1 Gal minimum)**

Code	
2051	FLUORESCENT YELLOW
2052	FLUORESCENT ORANGE
2053	FLUORESCENT PINK
2054	FLUORESCENT GREEN
2055	FLUORESCENT RED
2057	FLUORESCENT BLUE
2059	FLUORESCENT PURPLE

IMPORTANT NOTE

The information given in this technical sheet is not intended to be exhaustive and any person, using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us to the suitability of the product for the intended purpose, does so at his own risk.

While we endeavour to ensure that all advice we give about the product is correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product.

Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage arising out of the use of the product.

The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.