

TRI-FLEX
Series 1100
MULTI-PURPOSE PLASTISOL INKS

GENERAL DESCRIPTION:

Tri-Flex 1100 series, plastisol is formulated for direct wet-on-wet printing of athletic and leisure garments and also may be used for the limited manufacture of plastisol transfers. This Series comprises our most extensive range of standard colors, Non-Fluorescent and Fluorescent, Metallics, Glitters and other effects.

STOCK:

For direct prints, knit and woven T-shirts, sweatshirts, jerseys, fleece goods, and bandanna stock may all be used. All popular types of transfer release papers may be used to produce cold peel transfers.

STENCILS:

All types of solvent resistant emulsions are suitable.

SCREEN MESH:

An 110T monofilament is the popular choice; direct printing may also employ the use of mesh sizes 60T to 280T monofilament or equivalent.

CURING:

315° F TO 330°F depending on ink deposit, fabric type, ink color and dryer efficiency. Failure to properly cure is the primary reason for ink adhesion failure. Thick ink deposits do require more energy (longer dwell time) to cure, similarly a 100% cotton fabric because of its high moisture content will reduce curing efficiency compared to a 50/50 cotton polyester mix. Dark colors absorb heat and cure faster than light colors. Colors, which reflect heat – metallics, glitters and shimmers, also require more energy to properly cure. Finally the use of a Forced Air Dryer is far more efficient for thorough cure than the use of a Radiant Heat Unit.

WASH-UP:

Tri-sol 25 or equivalent (Mineral Spirits).

STORAGE PROCEDURE:

Store at room temperature. Keep away from heat.

WARNING: FOR INDUSTRIAL USE ONLY KEEP AWAY FROM CHILDREN

NOTE: Please note that all colors are made without the use of lead or heavy metal pigments. The information on this data sheet is based on laboratory tests and production experience. Directions and procedures for use of Triangle-Ink products must be considered as recommendations only. The printer is solely responsible for determining suitability of any Triangle product for a specific application. We recommend that all products be pre-tested prior to production. No warranties are implied or expressed.