

TRI-PUFFS

Series 1300/1600

FOAM EXPANDING PLASTISOL INKS

GENERAL DESCRIPTION:

Tri-Puff 1300 series plastisol, is formulated for direct printing of athletic and leisure garments to give a raised tri-dimensional effect, when cured.

GENERAL DESCRIPTION:

Tri-Suede Puff 1600 series plastisol is formulated for direct printing of athletic and leisure garments to give a raised tri-dimensional effect, with a distinctive “suede-like texture” when cured. The final effect is softer than traditional puff effects, and has greater elasticity.

STOCK:

For direct prints, knit and woven T-shirts, sweatshirts, jerseys, fleece goods, and bandanna stock may all be used. These inks are also suitable for use on cap printing.

STENCILS:

All types of solvent resistant emulsions are suitable.

SCREEN MESH:

Selection here very much determines the finished 3-D effect or loft achieved on curing. A good ink deposit is necessary, and the popular choice is a 60T mesh, while cap printers prefer an 86T.

CURING:

315° F TO 330° F depending on ink deposit, color and dryer efficiency. Please note that it is necessary to fully cure these inks to achieve maximum durability and abrasion resistance. Since the expanding agent becomes active at 265° F, it is possible to have a nicely expanded effect with little or no strength. This will crack and abrade easily, which is totally undesirable.

WASH-UP:

Tri-sol 25 or equivalent (Mineral Spirits).

MIXING PROCEDURES:

This system is designed to be used as supplied without other additions. The bases may be used to reduce color concentration or to make up colors using our Color Concentrates. The Puff Concentrates may be used in other plastisol inks up to fifteen percent (15%) to give raised effects, but care must be taken to check carefully for film strength and abrading.

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.

Triangle Ink Co., Inc. 53-57 Van Dyke Street, Wallington, New Jersey 07057- (201) 935-2777, (800) 524-1592 – FAX (201) 935-5961