

FEATURES

- 3805* Super Stretch Clear is a Non-Phthalate (NP) plastisol ink, which provides exceptional stretch properties.
- Used as a stretch additive, can increase the elongation properties of other plastisol inks.
- Can be used as a foil adhesive, clear carrier for PVC or glass beads.
- Adds glossy finish to regular plastisol inks.

*Lead Compliant (Contains less than 90 ppm lead)

Application & Storage Information

RECOMMENDED FABRICS	Stretch fabrics such as Lycra/Spandex, 100% cotton knitted rib, or combinations of both. Not recommended for 100% polyester.
HOW TO USE	<p>3805 Super Stretch Clear should be printed right from the container without modification.</p> <p>When used on stretch fabrics such as Lycra/Spandex or 100% cotton knitted rib material use 3805 Super Stretch Clear as a base when printing regular plastisol inks over the top of it.</p> <p>Use a final overprint to create a wet or glossy wet look.</p> <p>As an additive, add from 10% to 25% to any plastisol ink to improve the stretch and elongation characteristics of that ink.</p> <p>Additions over 25% to another ink will diminish color strength and opacity. 3805 is not a low bleed product. Preprint and test product on all fabrics to be printed for possible dye migration or bleeding. Dye migration or bleeding may not occur right away.</p>
SCREEN MESH AND EMULSION	<p>60-110 t/in or 24-43 t/cm Monofilament Mesh.</p> <p>Mesh counts higher than 110 t/in or 43 t/cm may not deposit enough ink to ensure proper stretch characteristics.</p> <p>Any direct or indirect plastisol resistant emulsion.</p> <p>Use 35 to 70 micron.</p>
SQUEEGEE	<p>65-75 Durometer: Sharp Edge</p> <p>Print with squeegee at 45 degrees to screen mesh. Softer pallet will help increase ink deposit and keep ink on surface. Print with off contact for best results.</p>
CURE TEMPERATURES	<p>325°F to 350°F (163°C to 171°C) Fusion/cure temperature for entire ink film.</p> <p>Since plastisols do not air dry, they must be fused with an appropriate heat source in order to achieve durability. The optimum time/temperature cycle will vary with the amount of ink deposited, fabric and the type of heat source used. Plastisols actually achieve the proper fusion point as soon as the innermost section of the ink film reaches the prescribed temperature. Test dryer temperatures before a production run. Wash test printed product before production run.</p>
CLEAN-UP	Any environmentally friendly plastisol screen wash.
STORAGE OF INK CONTAINERS	Keep inks indoor and store in a cool area. Recommend storage at 65°F to 90°F (18°C to 32°C). Avoid storage in direct sunlight or in extreme temperature conditions.

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