

TAURUS™

NON-PVC PLASTISOL



ZODIAC™ ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Zodiac™ Taurus™ Low Crock Base

RECOMMENDED PARAMETERS

Fabric Types



Cotton. Synthetic fabrics and blends can also be used but may require Taurus Barrier Black to prevent dye migration.

Mesh



Count: 86-230t/in (32-90t/cm)
Tension: 18-35n/cm³

Squeegee



Medium: 70 or 60-90-60
Profile: Square
Stroke: x2 stroke, medium speed
Angle: 10-20%

Stencil



Standard Emulsion
Off Contact: 1/16" (2mm)
Emulsion Over Mesh: 15-20%

Flash & Cure



Flash: 320°F (160°C) 4 seconds in hot pallets
Cure: 60 seconds at 320°F(160°C)

Pigment Loading



Not recommended

Taurus™ Additives



Taurus™ Viscosity Reducer 0.5% - 2%

Storage



Store in sealed containers
12 months from manufacture
>40°F (5°C) <77°F(25°C)

Clean Up



Standard plastisol cleaners

Health & Safety



Find SDS information here:
www.avient.com/resources/safety-data-sheets or contact your local CSR

Zodiac™ Taurus™ Low Crock Base is designed to improve dry crock resistance of the print. This product only be to be used as part of the Zodiac™ Taurus™ system and not with other products. Zodiac™ Taurus™ Low Crock Base ensures color fastness to maintain the look on garment.

HIGHLIGHTS

- Passes all requirements for major brand RSL and government regulations.
- Low crocking helps with printing of intense colors without compromising fastness.
- Non-PVC, no lead, no phthalates, no formaldehyde, no APEO's.
- Easy to mix and print.

PRINTING TIPS

- For best results add up to 25% to Taurus Mixing Colors to improve crock resistance. Can be used as final layer to encapsulated the printing and provide better crock resistance.
- Flashing: Flashing parameters vary between all flash units. Flash for 3-5 seconds with the ink film reaching 150-250°F (65-121°C). Ink should be dry to the touch.
- Curing: Cure at 320°F (160°C) over a 60-90 second period, depending on oven type and thickness of ink deposit. A thicker deposit will take longer to cure as the heat must penetrate through the entire ink film.

COMPLIANCE

- Non-PVC, non-phthalate
- Visit www.avient.com/products/screen-printing-inks/zodiac-taurus for more information
- GOTS v6.0 approved

PRECAUTIONS

- The information above is given in good faith and does not release you from testing inks and fabrics to confirm suitability of substrate and application process to meet your customer standards and specifications



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V3.00 (Modified: 02/17/2021)

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