

TAURUS™

NON-PVC PLASTISOL



ZODIAC™ ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Zodiac™ Taurus™ RFU Mixing System

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: 83-200t/in (32-81t/cm)
Tension: 18-35n/cm³

Squeegee



Durometer: 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



40-77°F (5-25°C). Use within 8 months of receipt. Keep container well sealed.

Clean Up



Standard plastisol cleaners

Health & Safety



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

These mixing inks are a combination of 14 RFU mixing primaries plus and extender base that when mixed together simulates PANTONE® colors quickly and accurately. The individual components are finished in so they can be used straight out of the bucket or extended with base to create color on light garments.

HIGHLIGHTS

- Very good supple print with ability to stretch and regain its original shape.
- Non-PVC, no lead, no phthalates, no formaldehyde, no APEO's.
- Passes all requirements for major brand RSL and government regulations.
- Passes major brand durability testing including 5 x 60 wash test.
- Easy to mix and print.
- GOTS v6.0 approved. Exceptions: Taurus Blue Marine and Taurus Blue #2

PRINTING TIPS

- Taurus Mixing inks can print directly onto 100% Cotton or over Barrier Black underlay for Polyester fabrics.
- The formulations of all Taurus ink mixtures of PolyOne only produce simulation for PANTONE® Colors. The accuracy of the colors may be affected due the choice of the ink film on thickness, opacity, metamerism and whether its formulated for an underlay or not. Do not dry clean, bleach, or iron the printed image.
- It is necessary to stir the product before printing.
- Test all prints for print durability before starting the production run.

COMPLIANCE

Non-PVC, non-phthalate

- Visit www.avient.com/products/screen-printing-inks/zodiac-taurus for more information

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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