[AURUS] 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 dve 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



Clean Up

Standard plastisol cleaners



Health & Safety

Find SDS information here: www.avient.com/resources/safetydata-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.
- Passes all requirements for major brand RSL and government regulations.
- Easy to mix and print.

- Non-PVC, no lead, no phthalates, no formaldehyde, no APEO's.
- Passes major brand durability testing including 5 x 60 wash test.
- 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



AVIENT **SPECIALTY INKS**

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