

TAURUS™

NON-PVC PLASTISOL



ZODIAC™ ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Zodiac™ Taurus™ HO Cotton White

RECOMMENDED PARAMETERS

Fabric Types

100% Cotton Fabrics



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™ HO Cotton White is a non-PVC and non-phthalate plastisol textile white ink belonging to the Taurus series from Zodiac. It has excellent coverage and softness as well as a very good elasticity. Unlike other non-PVC inks, Zodiac Taurus HO Cotton White has a no-tack, elastic, satin finish. In addition, it has a creamy rheology that makes automatic textile printing easy. This ink is a bright white with excellent adhesion, tensile strength, with excellent film memory along with wash and wear resistance.

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.

PRINTING TIPS

- Print a layer, flash, repeat and cure.
- Flash between prints.
- Test all prints for print durability before starting the production run.

COMPLIANCE

- Non-PVC, non-phthalate
- GOTS v6.0 approved
- 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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