

# TAURUS™

NON-PVC PLASTISOL



ZODIAC™ ECOCENTRIC INKS

## PRODUCT INFORMATION BULLETIN

### Zodiac™ Taurus™ Cotton White

#### RECOMMENDED PARAMETERS

##### Fabric Types

100% Cotton Fabrics



##### Mesh

Count: 86-230t/in (32-90t/cm)  
Tension: 18-35n/cm<sup>3</sup>



##### 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](http://www.avient.com/resources/safety-data-sheets) or contact your local CSR



Zodiac™ Taurus™ 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 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
- Visit [www.avient.com/products/screen-printing-inks/zodiac-taurus](http://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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