

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/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



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 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



AVIENT
SPECIALTY
INKS

V5.00 (Modified: 09/27/2022)

2022, Avient Corporation. Avient makes no representations, guarantees, or warranties of any kind with respect to the information contained in this document about its accuracy, suitability for particular applications, or the results obtained or obtainable using the information. Some of the information arises from laboratory work with small-scale equipment which may not provide a reliable indication of performance or properties obtained or obtainable on larger-scale equipment. Values reported as "typical" or stated without a range do not state minimum or maximum properties; consult your sales representative for property ranges and min/max specifications. Processing conditions can cause material properties to shift from the values stated in the information. Avient makes no warranties or guarantees respecting suitability of either Avient's products or the information for your process or end-use application. You have the responsibility to conduct full-scale end-product performance testing to determine suitability in your application, and you assume all risk and liability arising from your use of the information and/or use or handling of any product. AVIENT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, either with respect to the information or products reflected by the information. This literature shall NOT operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.