

# TAURUS™

NON-PVC PLASTISOL



ZODIAC™ ECOCENTRIC INKS

## PRODUCT INFORMATION BULLETIN

### TAU9090 Taurus™ LB White

#### RECOMMENDED PARAMETERS



##### Fabric Types

Synthetic fabrics and blends may require Taurus Barrier Black to prevent dye migration.



##### Mesh

Count: 86-156t/in (32-61t/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](http://www.avient.com/resources/safety-data-sheets) or contact your local CSR

Zodiac™ Taurus™ LB White was formulated to print on polyester-cotton fabrics where migration or dye transfer from the fabric to the print occurs. 100% polyester requires the use of Taurus Barrier Black under base. The use of this product fights and controls migration problems but will not eliminate it entirely. In some cases, migration could take many days to occur. In all cases, effectiveness cannot be guaranteed. Discoloration or ghosting could appear in some fabrics.

#### HIGHLIGHTS

- Passes all requirements for major brand RSL and government regulations.
- This ink has good tensile strength, stretchability, and wash resistance.
- Non-PVC, no lead, no phthalates, no formaldehyde, no APEO's.
- Not approved for GOTS v7.0
- Easy to mix and print.

#### PRINTING TIPS

- On 100% Polyester: Apply one layer of Taurus Barrier Black, flash; then, apply 2 layers of Taurus LB White and cure.
- Poly cotton requires print-flash-print-flash and then apply the top color.
- We recommend the user to carry out all relevant tests to ensure that desired results are achieved.

#### 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



AVIENT  
SPECIALTY  
INKS

V5.60 (Modified: 07/21/2025)

2025, 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.