

# TAURUS™

NON-PVC PLASTISOL



ZODIAC™ ECOCENTRIC INKS

## PRODUCT INFORMATION BULLETIN

### Zodiac™ Taurus™ Stretch Base

#### RECOMMENDED PARAMETERS

##### Fabric Types



Cotton. Synthetic fabrics and blends can also be used but may require Taurus Barrier Black to prevent dye migration.

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

Zodiac™ Taurus™ Stretch Base is a non-PVC and non-phthalate plastisol textile ink specially formulated to provide high elongation on rib fabrics (used for collars), elasticized fabrics (lycras), etc. When applied correctly, it will not crack in the ink film. It could be used for under base printing when needed in order to take better advantage of its characteristics.

#### HIGHLIGHTS

- Passes all requirements for major brand RSL and government regulations.
- Non-PVC, no lead, no phthalates, no formaldehyde, no APEO's.
- Easy to mix and print.

#### PRINTING TIPS

- Add up to 30% to the Zodiac™ Taurus™ mixed colors to increase stretch, particularly when printing on fabrics with an inherent stretch.
- 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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