TAURUS™ NON-PVC PLASTISOL

ZODIAC™ ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Zodiac™ Taurus™ Barrier Grey

RECOMMENDED PARAMETERS

Fabric Types
Synthetic fabrics and blends

Mesh
Count: 86-110t/in (32-43t/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™ Barrier Grey is a non-PVC and non-phthalate plastisol textile grey ink base. This product is a base that has the ability to fight dye migration from the fabric that bleeds into the printed ink layer. This migration effect usually happens on polyester fabrics and/or fiber blends. It has to be printed as a first layer or "primer", flashed then printed over with Zodiac Taurus LB White. To obtain colors, print Zodiac Taurus colors over the layer of Zodiac Taurus LB White.

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.
- Very good supple print with ability to stretch and regain its original shape.
- Passes major brand durability testing including 5 x 60 wash test.
- Excellent wash resistance.

PRINTING TIPS

- Print one layer and, then, flash. After that, apply 2 layers of Taurus LB White, pre-dry. Finally, apply colors.
- 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

AVIENT™ AVIENT SPECIALTY INKS

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