BRA SILICONE

ZODIAC ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Libra[™] Specialty Toners

RECOMMENDED PARAMETERS



Fabric Types 100% Polyester, Cotton and Poly/ Cotton blended fabrics

Mesh Count: 80-225t/in (31-88t/cm) Tension: 18-35n/cm3



Squeegee

70 or 60-90-60 Profile: sharp, square Stroke: x2 stroke, medium speed Angle: 10-15%



Stencil Standard Emulsion Off Contact: 1/16" (2mm) Emulsion Over Mesh: 25-40 micron



Flash & Cure Flash: 300°F(149°C) for 4 seconds (on preheated pallets) Cure: 60 seconds at 270°F(132°C)





Pigment Loading Libra[™] silicone toners Maximum 20%



Libra[™] Additives Libra™ Catalyst: 3-5% Libra™ Retardant: 0.5-3%



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/safetydata-sheets or contact your local CSR Libra[™] Silicone Specialty Toners are best used with Libra[™] Clear Gloss Base to highlight the shimmer and crystalina effect but can be used in any of the Libra™ bases for different finishes.

HIGHLIGHTS

Toners deliver ease of use for popular specialty ink applications

PRINTING TIPS

- Mix up to 20% Toner to Libra[™] Clear Gloss Base or other Libra[™] silicone bases. Once Libra[™] Toners are mixed in base for desired color, add 3-5% catalyst and mix well before printing.
- Use 86-225t/in (34-88t/cm) mesh screens for best performance.
- Print with 1/16" or 2mm off contact.
- Print two strokes to ensure the mesh is clear and you have a good ink deposit.
- Flash between prints.



Clean the stencil area when stopped to prevent screen blockages.

- Prints should be cured at 270°F /132°C for 60 seconds. Check the cure temp at the ink surface.
- 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-libra 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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