IBRA SILICONE

ZODIAC^{*} ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Libra[™] Clear Gloss Base

RECOMMENDED PARAMETERS

Fabric Types

100% Polyester, Cotton and Poly/Cotton blended fabrics

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



Squeegee Durometer: 70 or 60-90-60

Profile: sharp, square Stroke: x2 stroke, medium speed Angle: 10-15%



Standard Emulsion Off Contact: 1/16" (2mm) Emulsion Over Mesh: High Density 100-400 micron



Flash & Cure

Stencil

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



Pigment Loading

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

Libra[™] Silicone Pigments Maximum 20%



Storage

40°F-77°F (5°C-25°C) Avoid direct sunlight. Use within one year of receipt. Keep container well sealed.



Clean Up Standard plastisol cleaners

Health & Safety

Find SDS information here: www.avient.com/resources/safetydata-sheets or contact your local CSR

Libra™ Clear Gloss Base (LIB0308) consists of a medium viscosity translucent base with excellent printability to bring a glossy effect to your silicone prints. The ink can be pigmented with Libra[™] Pigments or special effect toners. Designed to achieve a glossy effect with extreme strechability while maintaining a super-soft flexible hand.

HIGHLIGHTS

Glossy finish Non-tacky hand Clear base Super-soft hand feel

Extreme stretchability

PRINTING TIPS

- Use 3-5 parts Libra™ Catalyst to 100 parts Libra™ Gloss Clear Base. Libra™ Pigments, special effect Toners and powders can be added up to 20 parts. Mix well and print. To prevent wastage only catalyze what is needed to print for 4 hours.
- Colors should be made in accordance with Libra™ IMS3.0 Pantone® mixing system with a maximum of 20% pigment loading.
- Use 80-225t/cm (31-88t/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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