BRA SILICONE

12223

ZODIAC^{*} ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Libra[™] Matte Mixing Base Libra[™] Matte Mixing Base (LIB0207) is a medium viscosity opaque base with excellent **RECOMMENDED PARAMETERS** printability to bring a matte effect to your silicone prints. The ink is used with Libra™ pigments and toners for a matte effect with extreme stretchability while maintaining a **Fabric Types** super-soft flexible hand. 100% Polyester, Cotton and Poly/Cotton blended fabrics HIGHLIGHTS Matte finish Non-tacky hand Mesh Count: 80-225t/cm (31-88t/cm) Excellent coverage and opacity Super-soft hand feel Tension: 18-35n/cm3 Extreme stretchability Squeegee Durometer: 70 or 60-90-60 **PRINTING TIPS** Profile: sharp, square Stroke: x2 stroke, medium speed Use 3-5 parts Libra[™] Catalyst. Libra[™] pigments or toners can be added up to 20 parts. Mix well and Angle: 10-15% 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 Stencil 20% pigment loading. Standard Emulsion Off Contact: 1/16" (2mm) Emulsion Over Mesh: 25-40 micron Use 80-225t/cm (31-88t/cm) mesh screens for best performance. Print with 1/16" or 2mm off contact. Flash & Cure Print two strokes to ensure the mesh is clear and you have a good ink deposit. Flash: 300°F(149°C) for 4 seconds (on preheated pallets) Cure: 60 seconds at 270°F(132°C) Flash between prints. Clean the stencil area when stopped to prevent screen blockages. **Pigment Loading** Libra[™] Silicone Pigments Maximum 20% 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. Libra[™] Additives Libra™ Catalyst: 3-5% Libra™ Retardant: 0.5-3% Storage 40°F-77°F (5°C-25°C) Avoid direct sunlight. COMPLIANCE Use within one year of receipt. Keep container well sealed. Non-PVC, non-phthalate Visit www.avient.com/products/screen-printing-inks/zodiac-libra for **Clean Up** more information Standard plastisol cleaners 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 **Health & Safety** specifications Find SDS information here: www.avient.com/resources/safety-AVIENT data-sheets or contact your local CSR V4.51 (Modified: 09/08/2023) SPECIALTY INKS

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