



$\overline{\mathsf{ZODIAC}}^{\scriptscriptstyle{\mathsf{T}}}$ ecocentric inks

PRODUCT INFORMATION BULLETIN

Libra™ Matte HD Base

RECOMMENDED PARAMETERS



Fabric Types

100% Polyester, Cotton and Poly/Cotton blended fabrics

HIGHLIGHTS

Extreme high density effect

Drag-free, non-tacky hand

Extreme stretchability

Super-soft hand feel



Mesh

Count: 80-160t/in (31-62t/cm)

Tension: 18-35n/cm3



Matte, translucent finish



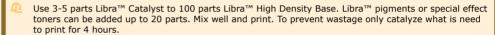
Squeegee

Durometer: 70 or 60-90-60 Profile: sharp, square

Stroke: x2 stroke, medium speed

Angle: 10-15%

PRINTING TIPS

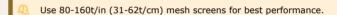


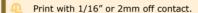
Libra™ Matte HD Base (LIB0407) consists of a high viscosity translucent base with

achieve High Density effect while maintaining a super-soft flexible hand.

excellent shear properties to transfer easily from thick emulsion or capillary film. The ink can be pigmented with Libra™ pigments or special effect toners. Designed to







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.



Stencil

Standard Emulsion Off Contact: 1/16" (2mm) Emulsion Over Mesh: 50-200 microns or

capillary film up to 400 microns



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 Pigments Maximum 20%



Libra™ Additives

Libra™ Catalyst: 3-5% Libra™ Retardant: 0.5-3%



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

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



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

AVIENT SPECIALTY **INKS**

confirm suitability of substrate and application process to meet your customer standards and

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