



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

PRODUCT INFORMATION BULLETIN

Libra™ Pigment Concentrates

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 Pigments 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)



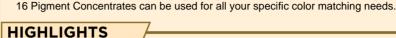
Clean Up

Standard plastisol cleaners



Health & Safety

SDS: www.avient.com/resources/ safety-data-sheets or contact your local CSR



- Highly concentrated pigments for ultimate opacity.
- Delivers color with softer hand and excellent drape-ability.
- Pigment Concentrates meet all your Pantone® matching needs

PRINTING TIPS

Mix up to 20% Pigment Concentrates to Libra™ Matte Mixing Base or other Libra™ Clear Bases for your desired color and effect. For specific color matching recipes, use the IMS 3.0 color management system. Once pigments are mixed in base for desired color, add 3-5% catalyst and mix well before printing.

Libra™ Silicone Pigment Concentrates are designed for use with Libra™ Matte Mixing Base and can also be used in Libra™ Clear Bases for all your coloring needs. Libra™ Pigment Concentrate are used for Pantone color matching through the Avient IMS 3.0 color management system. These

- 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



AVIENT SPECIALTY

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