



ZODIAC ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Libra[™] Specialty Toners

RECOMMENDED PARAMETERS



Fabric Types

100% Polyester, Cotton and Poly/ Cotton blended fabrics

HIGHLIGHTS



Toners deliver ease of use for popular specialty ink applications

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%

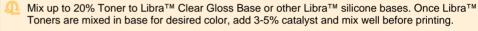


Stencil

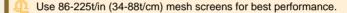
Standard Emulsion Off Contact: 1/16" (2mm)

Emulsion Over Mesh: 25-40 micron

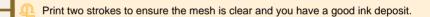
PRINTING TIPS



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.



Print with 1/16" or 2mm off contact.



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.



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)

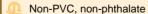
<77°F(25°C)



Clean Up

Standard plastisol cleaners

COMPLIANCE



Visit www.avient.com/products/screen-printing-inks/zodiac-libra for more information



Health & Safety

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

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

V1.00 (Modified: 11/12/2020)

