



$70DIAC^{\text{T}}$ ecocentric inks

PRODUCT INFORMATION BULLETIN

Libra™ White RFU

RECOMMENDED PARAMETERS



Fabric Types

100% Polyester, Cotton and Poly/Cotton blended fabrics

Libra™ White RFU (LIB9062) is a medium viscosity extremely opaque white ink with a creamy texture, excellent printability and a matte effect for your silicone printing needs. The ink is designed to maximize opacity, bring excellent coverage and extreme strechability while maintaining a super-soft flexible hand.

HIGHLIGHTS

Matte finish

- Non-tacky hand
- Count: 80-225t/cm (31-88t/cm) Excellent coverage and opacity
- Super-soft hand feel

Bright white

Extreme stretchability

Squeegee

Mesh

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

Angle: 10-15%



Tension: 18-35n/cm3

Stroke: x2 stroke, medium speed



Stencil

Standard Emulsion Off Contact: 1/16" (2mm) Emulsion Over Mesh: 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 Not recommended



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

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

PRINTING TIPS

- Use 3-5 parts Libra™ Catalyst to 100 parts Libra™ White RFU. Mix well and print. To prevent wastage only catalyze what is needed to print for 4 hours.
- 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



AVIENT SPECIALTY **INKS**

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