# LIBRA<sup>®</sup>

#### **RECOMMENDED PARAMETERS**



#### Fabric Types 100% Polyester, Cotton and Poly/ Cotton blended fabrics



Mesh Count: 83-160 t/in (32-63 t/cm) Tension: 18-35n/cm3



Squeegee Durometer: 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: 20%



Flash & Cure Flash: Do not flash Cure: 60 seconds at 250°F (121°C)



Pigment Loading Not required



Libra<sup>™</sup> Additives Libra<sup>™</sup> Catalyst: 2-3% Libra<sup>™</sup> Retardant: 1-2%



Storage Store in sealed containers 12 months from manufacture >40°F (5°C) <77°F(25°C)



Clean Up Standard plastisol cleaners



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

#### **PRODUCT INFORMATION BULLETIN**

## Libra<sup>™</sup> Emboss Base

Libra<sup>™</sup> Emboss Base (LIB6109) consists of a medium viscosity translucent base designed to provide emboss effect on fabrics by pressing the printed silicone in designed molds (concave or convex).

### HIGHLIGHTS

Non-tacky hand

Sharp-edge

Extreme high density

# PRINTING TIPS

- Use 2-3 parts Libra<sup>™</sup> Catalyst and 1-2 parts of Libra<sup>™</sup> Retardant to 100 parts Libra<sup>™</sup> Emboss Base
- $igoplus_{ ext{D}}$  Use 83-160 t/in (32-63 t/cm) mesh screens for best performance
- Print double stroke on backside of fabric. Print with 1/16" or 2mm off contact
- ${f l}_{f L}$  Print graphic or flood coat then transfer the garment to embossing plates for stamping
- Set mold temperatures to 248-300°F (120-149°C). Press for 8 –15 seconds depending on temperature and design dimensions
- Lt is recommend to post cure 60 seconds at 250°F (121°C)

COMPLIANCE

Non-PVC, non-phthalate

L 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** AVIENT SPECIALTY INKS

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