



### Libra™ Clear Gloss Base

#### RECOMMENDED PARAMETERS

##### Fabric Types



100% Polyester, Cotton and Poly/Cotton blended fabrics

##### Mesh



Count: 80-225/cm (31-88t/cm)  
Tension: 18-35n/cm<sup>3</sup>

##### 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: High Density  
100-400 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



Find SDS information here:  
[www.avient.com/resources/safety-data-sheets](http://www.avient.com/resources/safety-data-sheets) or contact your local CSR

Libra™ Clear Gloss Base (LIB0308) consists of a medium viscosity translucent base with excellent printability to bring a glossy effect to your silicone prints. The ink can be pigmented with Libra™ Pigments or special effect toners. Designed to achieve a glossy effect with extreme stretchability while maintaining a super-soft flexible hand.

#### HIGHLIGHTS

- Glossy finish
- Non-tacky hand
- Clear base
- Super-soft hand feel
- Extreme stretchability

#### PRINTING TIPS

- Use 3-5 parts Libra™ Catalyst and 0.5-3 parts Libra™ Retardant to 100 parts Libra™ Gloss Clear Base. Libra™ Pigments, special effect Toners and powders can be added up to 20 parts. Mix well and print. To prevent wastage only catalyze what is needed to print for 4 hours.
- Colors should be made in accordance with Libra™ IMS3.0 Pantone® mixing system with a maximum of 20% pigment loading.
- Use 80-225/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](http://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



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