



RECOMMENDED PARAMETERS



Fabric Types

100% Polyester, Cotton and Poly/
Cotton blended fabrics



Mesh

Counts: 80-225t/in (34-90t/cm)
Tension: 18-35n/cm³



Squeegee

Medium: 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%
Libra™ Pigment/Toner: up to 20%



Storage

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



Clean Up

Standard plastisol cleaners



Health & Safety

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

Libra™ Silicone Pigment Concentrates and Toners 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 Wilflex IMS 3.0 color management system. These 16 Pigment Concentrates can be used for all your specific color matching needs. Alternatively, Libra™ Athletic and Specialty Toner Concentrates are pre-mixed popular athletic colors that are already matched to the most widely used colors in sports printing. Use these Toners to simplify your athletic coloring needs.

HIGHLIGHTS



Highly concentrated pigments for ultimate opacity, delivering colors with softer hand and excellent drape-ability.



Pigment Concentrates meet all your Pantone® matching needs



Toners deliver ease of use for popular athletic colors with a single color additive.

PRINTING TIPS



Mix up to 20% Pigment Concentrates or Toners to Libra™ 0207 Mixing Base or other Libra™ Silicone 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.



Use 86-225t/34-90t 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.polyone.com/zodiacinks/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