**Libra™ Barrier Black System**

**Fabric Types**
100% Polyester and Poly/Cotton blended fabrics

**Mesh**
- Count: 80-160t/in (31-62t/cm)
- Tension: 18-35n/cm³

**Squeegee**
- Durometer: 70 or 60-90-60
- Profile: sharp, square
- Stroke: x2 stroke, medium speed
- Angle: 10-15%

**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: 0.5-2%

**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/safety-data-sheets or contact your local CSR

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**RECOMMENDED PARAMETERS**

**HIGHLIGHTS**
- Satin finish
- Super-soft hand feel
- Extreme stretchability
- Non-tacky hand

**PRINTING TIPS**
- Use 3-5 parts Libra™ Catalyst to 100 parts 80:20 base/pigment. Mix well and print. To prevent wastage only catalyze what is need to print for 4 hours.
- For improved adhesion on difficult fabric, use 6 parts Libra™ Catalyst and 0.5 parts Libra™ Retardant to 100 parts Barrier Clear Part A. Print through 80-110t/in (31-43 t/cm) mesh screen then follow with the standard barrier formula described above.
- Use 80-160t/in (31-62t/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

**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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