



Aquarius™ Glow Brite

RECOMMENDED PARAMETERS

Fabric Types



100% Cotton, blends or synthetic fabrics.

Mesh



Count: 86-110T/in (34-43T/cm)
Tension: 18-35n/cm³

Squeegee



Durometer: 60-90-60
Profile: sharp, square
Stroke: x2 stroke, medium speed
Angle: 15-20%

Stencil



Water Resistant Emulsion
Off Contact: 1/16" (2mm)
Emulsion Over Mesh: 15-20%

Flash & Cure



Flash: 2-4 seconds at 180°-200°F
(80°-90°C)
Cure: 90 seconds at 330°F (165°C)

Pigment Loading



N/A

Aquarius™ Additives



Aquarius™ Softener 1-5%
Aquarius™ Thickener 0.1-1%
Aquarius™ Retarder Gel 1-5%

Storage



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

Clean Up



Water & mild detergent

Health & Safety



Find SDS information here:
www.avient.com/resources

Aquarius™ Glow Brite produce a high intensity, phosphorescent, greenish glow-in-the-dark effect with exposed to light and viewed in a darken area.

HIGHLIGHTS

- Produces a high intensity phosphorescent glow effect with long lasting afterglow
- Ready-for-use ink
- Excellent glow properties and wash durability

PRINTING TIPS

- Best "glow" results when printed directly onto light colored fabric or over a light colored underlay when printing on dark fabric
- Print with 1/16" or 2mm off contact
- Use 86-110T/in (34-43T/cm) mesh
- Print two strokes to ensure the mesh is clear and you have a good ink deposit
- Prints should be cured at 330°F /165°C for 90 seconds. Check the cure temp at the ink surface
- Test all prints for print durability before starting the production run

COMPLIANCE

- Water based, non PVC, non phthalate
- Visit www.avient.com/products/screen-printing-inks/zodiac-aquarius 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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