



Aquarius™ Reflective Silver

RECOMMENDED PARAMETERS

Fabric Types



100% Cotton, blends or synthetic fabrics.

Mesh



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

Squeegee



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: Not recommended
Cure: 90 seconds at 330°F (165°C)

Pigment Loading



Not recommended

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



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

Aquarius™ Reflective Silver is a ready-to-use water base inks that provide excellent reflectivity with very soft hand.

HIGHLIGHTS

- High reflective effect
- Excellent wash durability
- Can be tinted with Aquarius™ Pigments up to 6%

PRINTING TIPS

- Use 86T-110T/in (34T-43T/cm) mesh
- Print with 1/16" or 2mm off contact
- Print two strokes to ensure the mesh is clear and you have a good ink deposit
- Print in last position or flash after each print if using multiple screens
- Clean the stencil area when stopped to prevent screen blockages
- For best results print directly to fabric
- 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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