



RECOMMENDED PARAMETERS



Fabric Types

100% Cotton, blends or synthetic fabrics.



Mesh

Count: 60- 86T/in (20-34T/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

Maximum 6%



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™ Metallics are ready to use metallic print pastes available in Silver and Gold.

HIGHLIGHTS

- Excellent wash durability
- Produces metallic effects
- Print directly to fabric for best effect

PRINTING TIPS

- Ready to use, but can be tinted with Aquarius™ Pigments up to 6%
- Use 60- 86T/in (20-34T/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 metallic print if using multiple screens
- Clean the stencil area when stopped to prevent screen blockages
- Prints should be cured at 330°F /165°C for 90 seconds. Check the cure temp at the ink surface
- Test all prints for color fastness and 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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