



Aquarius™ Suede Plus Base

RECOMMENDED PARAMETERS

Fabric Types

100% Cotton, blends or synthetic fabrics.



Mesh

Count: 86-110T/in (32-43T/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: Not recommended
Cure: 180 seconds at 305°F (151°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

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



Zodiac™ Aquarius™ Suede Plus Base is created to generate a variety of textured effects depending on the thickness of the stencil used. Thinner stencils will result in a soft, velvety texture, while thicker screens will produce a foam-like effect that expands.

HIGHLIGHTS

- Excellent wash durability
- Soft, velvety texture
- Print directly to fabric for best effect

PRINTING TIPS

- Ready to use, but can be tinted with Aquarius Pigments up to 6%. Expansion effect may alter color intensity. Check color after cure
- Use 86-110T/in (32-43T/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
- Prints should be cured at 305°F (151°C) for 180 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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