AQUARIUS"

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: 10-15%



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 Maximum 6%



Aquarius[™] Additives Aquarius[™] Softener 1-5% Aquarius[™] Thickener 0.1-1%

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/safetydata-sheets or contact your local CSR PRODUCT INFORMATION BULLETIN

ZODIAC^{*} ECOCENTRIC INKS

Aquarius[™] Soft Density

Aquarius[™] Soft Density is designed to produce raised textured effects based on stencil thickness. Lower stencil thickness will yield a lower build, while high density screens produce an higher more textured effect.

HIGHLIGHTS

- Soft textured prints using high density screens
- Can be tinted to custom colors with up to 6% Aquarius pigment

A Excellent wash durability

PRINTING TIPS

- We use 86-110T/in (34-43T/cm) mesh. Use up to 200 micron stencil for best build effects
- APrint two strokes to ensure the mesh is clear and you have a good ink deposit
- Print with 1/16" or 2mm off contact
- Print in last position or flash after each print if using multiple screens
- Clean the stencil area when stopped to prevent screen blockages
- Print directly to fabric for best effect & fastness properties
- Prints should be cured at 330°F /165°C for 90 seconds. Check the cure temp at the ink surface
- Me 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

AVIENT AVIENT SPECIALTY INKS

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