QUARIUS VATERBASED

ZODIAC^{*} ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Aquarius[™] Pearlescent Range

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 Elash: 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[™] Pearlescents are ready to use pearlescent effect pastes available in Gold, Silver and neutral.

HIGHLIGHTS

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

PRINTING TIPS

- We Ready to use, but can be tinted with Aquarius™ Pigments up to 6%
- Weight 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 pearlescent 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
- We 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

V1.00 (Modified: 10/15/2020)



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