/ATERBASED

ZODIAC^{*} ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Aquarius[™] Foilbinder

RECOMMENDED PARAMETERS



Fabric Types 100% Cotton, blends or synthetic fabrics



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

Prints clear

HIGHLIGHTS

Excellent wash durability

Print directly to fabric for best effect

PRINTING TIPS

- 🚸 Use 86-110T/in (34-43T/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

Aquarius[™] Foilbinder is a thermoplastic foil adhesive for metallic foil effects.

- 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 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
- Apply foil on heat press. 300°F (150°C), 4 lbs of pressure for 10 seconds. Allow to cool before peel
- Confirm wash temperature with foil supplier



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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

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



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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: 180°-200°F (80°-94°C) Cure: 90 seconds at 330°F (165°C)



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

Pigment Loading Not recommended