# QUARIUS



## ZODIAC ECOCENTRIC INKS

## PRODUCT INFORMATION BULLETIN

## **Aguarius™ Foil Binder Plus**

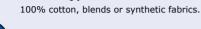
## **RECOMMENDED PARAMETERS**

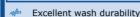


## **Fabric Types**

**HIGHLIGHTS** 

effects.





Mesh

Count: 80-110T/in (32-43T/cm)

Tension: 18-35n/cm3

Prints clear

## Squeegee

Durometer: 60-90-60 Profile: sharp, square Stroke: x2 stroke, medium speed

Angle: 15-20%

Print directly to fabric for best effect

## Stencil

Off Contact: 1/16" (2mm)

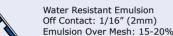
Flash: 180°-200°F (80°-94°C)

Cure: 120 seconds at 300°F (148°C)

## **PRINTING TIPS**

Use 80-110T/in (32-43T/cm) mesh

Print with 1/16" or 2mm off contact

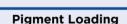


Flash & Cure

- 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 300°F (148°C) for 120 seconds. Check the cure temp at the ink surface

Zodiac™ Aquarius™ Foil Binder Plus is a thermoplastic foil adhesive for metallic foil

Test all prints for print durability before starting the production run





Not recommended

Apply foil on heat press. 330°F (165°C), 4 lbs of pressure for 10-12 seconds. Allow to cool before peel

Confirm wash temperature with foil supplier



## Aquarius™ Additives

Aquarius™ Softener 1-5% Aquarius™ Thickener 0.1-1% Aquarius™ Retarder Gel 1-5%



### Storage

Store in sealed containers 6 months from manufacture >40°F (5°C) <77°F(25°C)

## **COMPLIANCE**



Visit www.avient.com/products/screen-printing-inks/zodiac-aquarius Clean Up for more information Water & mild detergent





**Health & Safety** Find SDS information here: www.avient.com/resources/safetydata-sheets or contact your local CSR

## 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 SPECIALTY** 

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