# VATERBASED

# ZODIAC<sup>\*</sup> ECOCENTRIC INKS

**PRODUCT INFORMATION BULLETIN** 

### Aquarius<sup>™</sup> High Gloss Clear

#### **RECOMMENDED PARAMETERS**

Mesh



#### **Fabric Types** 100% Cotton, blends or synthetic fabrics

Count: 86T-110T/in (34T-43T/cm)

Tension: 18-35n/cm3

Angle: 15-20%

Aquarius<sup>™</sup> High Gloss Clear is designed to produce high sheen glossy effect prints.

# HIGHLIGHTS

- Aliny, gloss effect
- Excellent wash durability



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



Stencil Water Resistant Emulsion Off Contact: 1/16" (2mm) Emulsion Over Mesh: 15-20%



Flash & Cure Flash: Not recommended Cure: 90 seconds at 330°F (165°C)

Pigment Loading Not recommended



#### Aquarius<sup>™</sup> Additives Aquarius<sup>™</sup> Softener 1-5% Aquarius<sup>™</sup> Thickener 0.1-1%

Aquarius<sup>™</sup> 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

## 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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# **PRINTING TIPS**

- 🚸 Use 86T-110T/in (34T-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.
- Use up to 200 micron stencil for best build effects
- Clean the stencil area when stopped to prevent screen blockages
- For best results print as an overprint for high solids water based inks
- ✓ 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.