AQUARIUS WATERBASED



ZODIAC* ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Aquarius™ Reflective Silver

RECOMMENDED PARAMETERS



Fabric Types

100% Cotton, blends or synthetic fabrics.



Mesh

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

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



Pigment Loading

Not recommended



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

with very soft hand.

HIGHLIGHTS

High reflective effect

Excellent wash durability

Can be tinted with Aquarius™ Pigments up to 6%

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

Print in last position or flash after each print if using multiple screens

Clean the stencil area when stopped to prevent screen blockages

For best results print directly to fabric

→ Prints should be cured at 330°F /165°C for 90 seconds. Check the cure temp at the ink surface

Aquarius™ Reflective Silver is a ready-to-use water base inks that provide excellent reflectivity

Test all prints for 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 SPECIALTY

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