AQUARIUS WATERBASED



ZODIAC* ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Aquarius™ Puff Base

RECOMMENDED PARAMETERS



Fabric Types

100% Cotton, blends or synthetic fabrics.



Mesh

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



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: 2-4 seconds at 180°-200°F

(80°-90°C)

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

Find SDS information here: www.avient.com/resources/safetydata-sheets or contact your local CSR Aquarius™ Puff Base is designed to produce multiple textured effects

HIGHLIGHTS

For puff, raised effect

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

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

Clean the stencil area when stopped to prevent screen blockages

Print directly to fabric for best effect & fastness properties

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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