QUARIUS



ZODIAC* ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Aquarius™ Plus Puff Base

RECOMMENDED PARAMETERS



Fabric Types

100% Cotton, blends or synthetic fabrics.

HIGHLIGHTS

- For puff, raised effect
- Excellent wash durability
- Print directly to fabric for best effect

Mesh



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

Tension: 18-35n/cm3



Squeegee

Durometer: 60-90-60 Profile: sharp, square

Water Resistant Emulsion

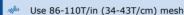
Off Contact: 1/16" (2mm) Emulsion Over Mesh: 15-20%

Stroke: x2 stroke, medium speed

Angle: 15-20%

Stencil

PRINTING TIPS



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

Aquarius™ Plus Puff Base is designed to produce multiple textured effects



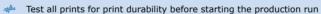
Flash: 2-4 seconds at 180°-200°F

Cure: 90 seconds at 330°F (165°C)

Pigment Loading Maximum 6%

(80°-90°C)

Flash & Cure





Aquarius™ Additives



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

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



Health & Safety

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



AVIENT SPECIALTY

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