VATERBASED

ZODIAC^{*} ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Aquarius[™] Brittle Base

RECOMMENDED PARAMETERS

Squeegee Durometer: 60-90-60

Angle: 15-20%

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

Pigment Loading Maximum 6%

Stencil

Profile: sharp, square

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



Fabric Types 100% Cotton, blends or synthetic

fabrics.



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

Stroke: x2 stroke, medium speed

Distressed crack effects

when pulled after curing.

🖉 Excellent wash durability

HIGHLIGHTS

Print directly to fabric for best effect

PRINTING TIPS

We Ready to use, but can be tinted with Aquarius™ Pigments up to 6%

Use 86T-110T/in (34T-43T/cm) mesh

Print with 1/16" or 2mm off contact

Print/flash/print with 110T/in (43T/cm) mesh to ensure good deposit and cracking effect

Aquarius[™] Brittle Base is a ready to use opaue base that produces distressed, cracked effects

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

Clean the stencil area when stopped to prevent screen blockages

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.

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

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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