QUARIUS



ZODIAC* ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Aquarius™ Bright Discharge ZF Range

RECOMMENDED PARAMETERS



Fabric Types

100% Cotton Dischargeable fabrics

HIGHLIGHTS



Bright, opaque discharge white

maintaining a super soft flexible hand.

Super soft hand feel



Mesh

Count: 80-230T/in (34-90T/cm) Tension: 18-35n/cm3

Prints wet on wet for multicolor discharge prints

Discharge base for intense bright colors



Squeegee

60-90-60

Stencil

Profile: sharp, square

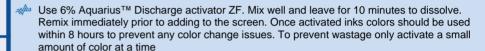
Water Resistant Emulsion Off Contact: 1/16" (2mm)

Emulsion Over Mesh: 15-20%

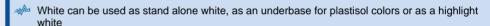
Stroke: x2 stroke, medium speed

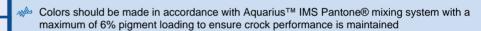
Angle: 10-15%

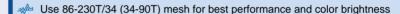
PRINTING TIPS



Aquarius™ Bright Discharge ZF range consists of a high opacity soft hand discharge white and a soft, bright discharge base. Designed to achieve bright discharge white and colors whilst











Flash & Cure Flash: Not recommended

Pigment Loading

Maximum 6%

Cure: 90 seconds at 330°F (165°C)



Print one stroke

Avoid the use of flash cures. Print discharge colors dark to light, wet on wet. Print Aquarius™ Bright Discharge White in the last position



Clean the stencil area when stopped to prevent screen blockages



Aquarius™ Discharge Activator ZF 6% Max

Aquarius™ Softener 1-5%

Aquarius™ Additives

Aguarius™ Thickener 0.1-1% Aquarius™ Retarder Gel 1-5% Prints should be cured at 330°F/165°C for 90 seconds. Check the cure temperature at the ink surface

Test all prints for color fastness and print durability before starting the production run



Storage

Store in sealed containers 12 months from manufacture >40°F (5°C) <77°F(25°C)

COMPLIANCE

Water based, non PVC, non phthalate

Visit www.avient.com/products/screen-printing-inks/zodiac-aquarius for more information



Clean Up

Water & mild detergent

Health & Safety

PRECAUTIONS



SDS: www.avient.com/resources/ safety-data-sheets or contact your local CSR

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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