QUARIUS



ZODIAC ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

AQUARIUS™ DIGITAL MAX WHITE

RECOMMENDED PARAMETERS



Fabric Types

100% cotton, poly blends and polyester *

fastness. **HIGHLIGHTS**



Mesh

Count: 110-158T/in (43 -62T/cm)

Tension: 18-35n/cm3

Non-gloss finish

Zodiac™ Aquarius™ Digital Max White is a soft, flexible, opaque water-based white for

overprinting with digital inks. Digital Max White is formulated to keep digital printing definition and color strength without needing a clear topcoat to improve digital wash

Stays open in the screen

Does not need a top coat layer

Very soft hand feel



Squeegee

Durometer: 60-90-60

Angle: 10-15%

Enables sharp and fine details in digital prints



Profile: sharp, square Stroke: x1 stroke, medium speed

Stencil

PRINTING TIPS

- Print with 1/16" or 2mm off contact
- Recommended setup is a first layer of Aquarius Digital Max White or Aquarius White HS, flash, Aquarius Digital Max White and digital print head. Important: Ink film is wet going under the digital print heads
- (*) Aquarius Digital Max White nor Aquarius White HS are low-bleed whites, when printing on fabrics prone to bleed, use as first layer Aquarius Migration Stop
- Keep platens cool to avoid white ink aging (130-140°F / 54-60°C)
- Clean the stencil area when stopped to prevent screen blockages
- Always test for suitability with your digital printing system



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



Flash & Cure

Flash: 230°F (110°C) Cure: 325°F (165°C) for 90 sec.



Pigment Loading

Not recommended



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

www.avient.com/resources/safetydata-sheets or contact your local CSR



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