



RECOMMENDED PARAMETERS

Fabric Types

100% cotton, poly blends and polyester *



Mesh

Count: 110-195T/in (43 -77T/cm)
Tension: 18-35n/cm3



Squeegee

Durometer: 60-90-60
Profile: sharp, square
Stroke: x1 stroke, medium speed
Angle: 10-15%



Stencil

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



Health & Safety

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



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 fastness.

HIGHLIGHTS

- ⚡ Does not need a top coat layer
- ⚡ Non-gloss finish
- ⚡ Stays open in the screen
- ⚡ Very soft hand feel
- ⚡ Enables sharp and fine details in digital prints

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 (135-145 °F / 57-63°C)
- ⚡ Clean the stencil area when stopped to prevent screen blockages
- ⚡ Always test for suitability with your digital printing system

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
INKS

V4.20 (Modified: 10/11/2024)