# QUARIUS



# ZODIAC ECOCENTRIC INKS

# PRODUCT INFORMATION BULLETIN

# Aquarius™ Metallic Plus

#### **RECOMMENDED PARAMETERS**



# **Fabric Types**

100% Cotton, blends or synthetic fabrics.

**HIGHLIGHTS** 

Gold.



Excellent wash durability



Mesh

Count: 86-156T/in (32-62T/cm)

Tension: 18-35n/cm3

Produces metallic effects



#### Squeegee

Durometer: 60-90-60 Profile: sharp, square Stroke: x2 stroke, medium speed

Angle: 15-20%

Print directly to fabric for best effect

# Stencil

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

Cure: 330°F (165°C) for 120-150 seconds

# **PRINTING TIPS**

- Ready to use, but can be tinted with Aquarius™ Pigments up to 6%
- Use 86-156T/in (32-62T/cm) mesh
- 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 metallic 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 120-150 seconds. Check the cure temp at the ink surface

Aquarius™ Metallics Plus are ready to use metallic print pastes available in Silver and



# **Pigment Loading**

Maximum 6%

Flash & Cure Flash: Not recommended

Test all prints for color fastness and 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 6 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

# **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 **Health & Safety** specifications Find SDS information here: www.avient.com/resources/safety-**AVIENT** 



data-sheets or contact your local CSR



**SPECIALTY** 

V4.55 (Modified: 01/14/2025)

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