

AQUARIUS™

WATERBASED



ZODIAC™ ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Aquarius™ Suede Base

RECOMMENDED PARAMETERS



Fabric Types

100% Cotton, blends or synthetic fabrics.



Mesh

Counts: 86-305T/in (34-120T/cm)
Tension: 18-35n/cm³



Squeegee

Medium: 60-90-60
Profile: sharp, square
Stroke: x2 stroke, medium speed
Angle: 15-20%



Stencil

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



Flash & Cure

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



Pigment Loading

Aquarius™ Water Based Pigments
Maximum 6%



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

MSDS: www.polyone.com
or contact your local CSR

Aquarius™ Suede Base is designed to produce multiple textured effects based on stencil thickness. Lower stencil thickness will yield a smooth, velvety texture, while high density screens produce an expanding foam effect.

HIGHLIGHTS

- Excellent wash durability
- Soft, velvety texture
- Print directly to fabric for best effect

PRINTING TIPS

- Ready to use, but can be tinted with Aquarius™ Pigments up to 6%. Expansion effect may alter color intensity. Check color after cure.
- Use 86-305T/in (34-120T/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 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.

COMPLIANCE

- Water based, non PVC, non phthalate
- Visit ZodiacInks.com/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