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/Aquarius for more information

**PRECAUTIONS**

- Water & mild detergent
- 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

**RECOMMENDED PARAMETERS**

**Fabric Types**

100% Cotton, blends or synthetic fabrics.

**Mesh**

Counts: 86-305T/in (34-120T/cm)
Tension: 18-35n/cm²

**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

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