Aquarius™ Soft Base Range

### Recommended Parameters

**Fabric Types**
100% Cotton, blends or synthetic fabrics.

**Mesh**
- Count: 110-320T/in (43-125T/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: Not recommended
- Cure: 90 seconds at 330°F (165°C)

**Pigment Loading**
- 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**
Find SDS information here: www.avient.com/resources/safety-data-sheets or contact your local CSR

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### Highlights
- Supersoft hand feel
- Suitable for vector or tonal artwork
- Prints wet on wet
- Excellent wash durability and crock
- Bright colors

### Printing Tips
- Use 110-320T (43-125T) mesh for best performance and color brightness
- Print with 1/16" or 2mm off contact
- Print one stroke
- Print wet on wet. Light to dark
- 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
- Colors should be made in accordance with Aquarius™ IMS Pantone® mixing system with a maximum of 6% pigment loading to ensure crock performance is maintained
- Test all prints for color fastness and print durability before starting the production run

### 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