# Aquarius™ Pearlescent Range

## RECOMMENDED PARAMETERS

### Fabric Types

100% Cotton, blends or synthetic fabrics.

### Mesh

- Counts: 60-86T/in (20-34T/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

## HIGHLIGHTS

- Excellent wash durability
- Produces pearlescent effects
- Print directly to fabric for best effect

## PRINTING TIPS

- Ready to use, but can be tinted with Aquarius™ Pigments up to 6%
- Use 60-86T/in (20-34T/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 pearlescent 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 color fastness and print durability before starting the production run.

## COMPLIANCE

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

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