

AQUARIUS™

WATERBASED



ZODIAC™ ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Aquarius™ Soft Base Range

RECOMMENDED PARAMETERS



Fabric Types

100% Cotton, blends or synthetic fabrics.



Mesh

Counts: 110-320t/in (43-120t/cm)
Tension: 18-35n/cm³



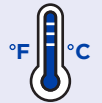
Squeegee

Medium: 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 330F(165C)



Pigment Loading

Aquarius™ Water Based Pigments
Maximum 6%



Aquarius Additives

Aquarius™ Softener 2-5%
Aquarius™ Thickener 0.1-1%
Aquarius™ Retarder Gel 2-5%



Storage

Store in sealed containers
12 months from manufacture
>40F (5C) <77F(25C)



Clean Up

Water & mild detergent



Health & Safety

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

Aquarius™ Soft Base is a clear base suitable for printing on white or light coloured garments. Produces supersoft hand prints with bright colours and sharp details when used in combination with Aquarius™ Water Based Pigments.

HIGHLIGHTS

- Excellent wash durability & crock
- Suitable for vector or tonal artwork
- Supersoft hand feel
- Bright colours

PRINTING TIPS

- Colours should be made in accordance with Aquarius™ IMS Pantone mixing system with a maximum of 6% pigment loading to ensure crock performance is maintained.
- Use 110-320T/43 (34-120T) mesh for best performance and colour 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 330F/165C for 90 seconds. Check the cure temperature at the ink surface.
- Test all prints for colour fastness and print durability before starting the production run.

COMPLIANCE

- Water based, non PVC, non phthalate
- Visit www.polyone.com/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