

# AQUASOL TS

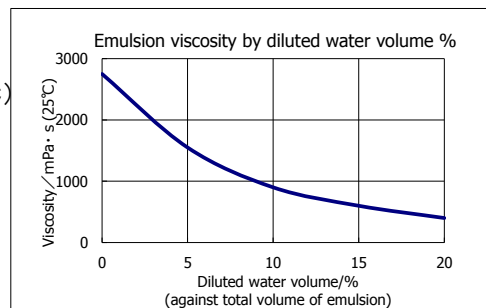
Water Resistant SBQ Direct Emulsion

## Features/Application

- Pre-sensitized emulsion, ready-to-use. No diazo required
- Fast Exposure time, faster screen turnaround for volume production
- Superior water resistance and print durability
- Soft and flexible stencils, superior fitting capability to mesh
- Suitable for textile application or water-based ink system
- Excellent resolution and definition

## Specifications

- Viscosity: Approx. 2,500mPa·s(25°C)
- Solid Contents: Approx. 45%
- Packaging Standards: 1kg set, 5kgs  
※Contact us for custom packaging.



## Exposure Data

Screen mesh, Color	E.O.M. / $\mu\text{m}$	4KW Mercury lamp	3kW Metal Halide lamp
		UV42 intensity: 17mW/cm <sup>2</sup>	UV42 intensity: 12mW/cm <sup>2</sup>
Polyester 31/cm (80/inch) W	5	35~45 sec.	50-60 sec.
Polyester 59/cm (150/inch) W	15	15~25 sec.	25-35 sec.
Polyester 100/cm (250/inch) Y	15	30~40 sec.	45~55 sec.

\* The above is for guideline purposes only. Please use a grayscale exposure calculator to identify optimal exposure time.



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## Instructions

- Wash, degrease and dry screen mesh. Remove grease and foreign contaminants with MSP cleanser.
- Coat emulsion slowly in order to prevent air bubbles.
- Dry coated screen completely before exposure. Drying temperature up to 40°C(104°F).  
Avoid excessive temperature for drying screens.

## 【Remarks】

- Keep the emulsion in a cool and UV light safe area.
- Recommended to filter remaining emulsion with screen mesh before pouring it back into the container to remove any dust, foreign substances and air bubbles.

## Solvent Resistance Rating

Solvent	Rating	Solvent	Rating
Water	Fair	Citrus based chemicals	Excellent
Conventional solvents	Poor	Turpentine oil	Excellent

※24hours swelling/absorption test results.

## SEM

