# AQUASOL T10

Water and solvent Resistant SBQ Direct Emulsion

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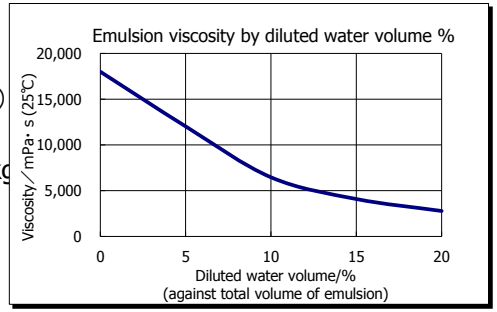
URL http://www.murakami.co.jp/english/index.html

## Features/Application

- Pre-sensitized emulsion, ready-to-use. No diazo required
- Fast Exposure time, faster screen turnaround for volume production
- High solid contents and viscosity for easy coating and bild up emulsion thickness
- Suitable for texile application for water-based ink, HSA ink and solvent cleaning
- Excellent resolution and definition

## Specifications

- Viscosity: Approx. 18,000mPa·s(25℃)
- Solid Contents: Approx. 45%
- Packaging Standards: 1kg, 5kgs, 200kg
  ※Contact us for custom packaging.




## Exposure Data

| Screen mesh, Color | EOM (μm) Coating PROCEDURE | 3kw Metal Halide Lamp (UV42 Intensity : 12mW/cm$^2$) |
|---|---|---|
| Polyester 31/cm (70/inch) W | 50μm P↑↑S↑↑ | 60 ～ 80 sec. |
| Polyester 59/cm (150/inch) W | 10μm P↑S↑ | 15 ～ 20 sec. |
| Polyester 59/cm (150/inch) W | 15μm P↑S↑↑ | 20 ～ 30 sec. |
| Polyester 100/cm (250/inch) Y | 12μm P↑↑S↑↑ | 45 ～ 60 sec. |

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

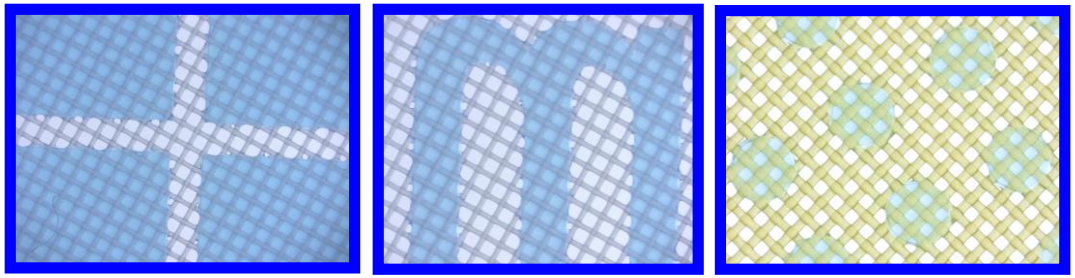
## Instructions

- 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.

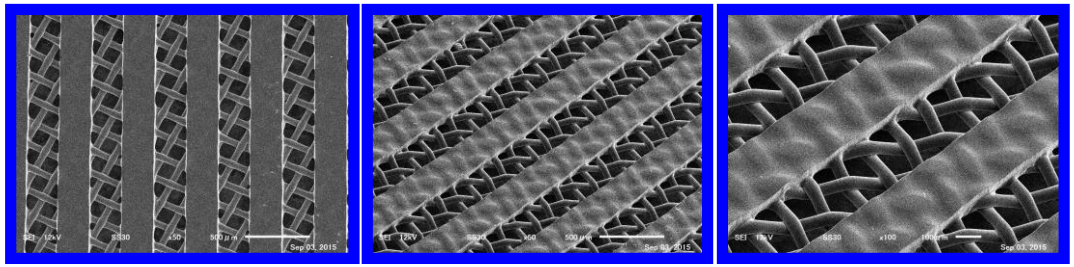
【Remarks】

- 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 containe to remove any dust, foreign substances and air bubbles.

## Pictures



## SEM



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