

AQUASOL SHARP

SBQ
Water Resistant
Type

Feature

- Excellent resolution
- One Pot system promises long shelf life.
- Good coating aptitude eases even coating when applied.
- Easily reclaimable after exposure
- Water resistant emulsion exclusive for projection camera. Broad use for water based inks.

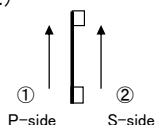
Specification

- Color ...Orange
- Solid Content...38.0~42.0(wt%)
- Viscosity...2000~4000mPa·s(25°C)

How to Use

- 1 Wash and degrease the screen with MSP Cleanser.
- 2 After the screen is fully dried, apply Aqua Sol Sharp.

Ex.)



With this coating process, emulsion thickness would be around 10 μ m.

[Screen: Polyester150s(white)]

- 3 Dry completely by hot air at 40°C after coating.
- 4 Find the best exposure time by step wedge test exposure (Refer to "Exposure condition")
- 5 Remove excess water after development, then completely dry the stencil.
- 6 Recommend to filter the emulsion by mesh whenever used emulsion is poured back to the original container in order to avoid dust and foreign particles.

Exposure Condition

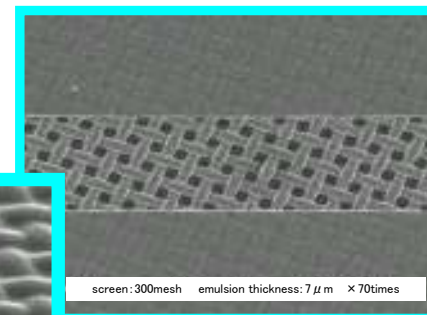
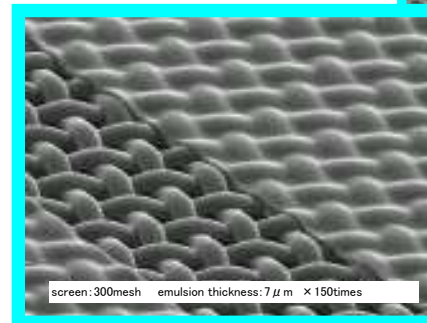
Screen	Thickness of emulsion/(μ m)*	Best exposure time(second) UV-42:0.2mW/cm ²
Polyester150S(normal·bias) white	10	300~330
Polyester 300S(normal·bias) white	3~5	180~210

*...These figures are outcomes obtained by the procedure shown in "How to use".

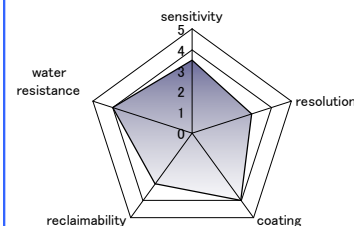
What Improved?

• In comparison with our "AQUASOL PRO DARK", new "AQUASOL SHARP" is ...

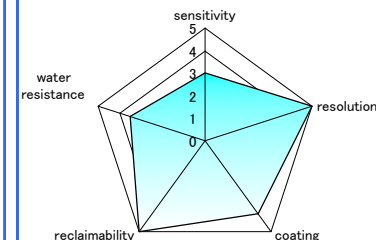
Resolution UP
Reclaimability UP



AQUASOL PRO DARK



AQUASOL SHARP



* In sensitivity, shorter exposure time is regarded for the higher evaluation.

* Each criteria is graded in five levels.



Murakami Co.,Ltd.