

AQUASOL HS3

SBQ-Type Water Resistant Emulsion for Thick Print



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Features

- One Pot type emulsion for thick E.O.M. printing.
- Higher printing durability than conventional emulsion.
- High solid contents for easy coating of thicker and flat surface.
- High sensitivity with short exposure time and achieve efficient productivity.

Applications

- Water based ink applications such as textiles ,flags and so on.
- Plastisol ink applications under circumstance mineral spirits, kerosene, turpentine oil or orange oil is used as ink cleaner.

Specification

- Viscosity: Approx. 33,000 mPa·s (25°C)
- Solid contents: Approx. 49%
- Packaging Standards: 1kg, 5kgs
✕Contact us for custom packaging.

Coating Process & Exposure Data

Screen mesh, Color	E.O.M. (μm) Coating Procedure	Metal Halide Lamp* LED 405nm**
Polyester 27mesh/cm - 71Ø White <u>Dull edge coater</u>	200 μm Print side 2 / Squeegee side 5	30~40 sec 30~40 sec
Polyester 31mesh/cm - 54Ø White <u>Dull edge coater</u>	200 μm Print side 2 / Squeegee side 5	30~40 sec 30~40 sec
	400 μm Print side 2 / Squeegee side 10	60~85 sec 110~130 sec
Polyester 31mesh/cm - 100Ø White <u>Dull edge coater</u>	140 μm Print side 2 / Squeegee side 4	30~40 sec 30~40 sec
	340 μm Print side 2 / Squeegee side 9	60~85 sec 110~130 sec

The above is for guideline purposes only.

Take a step test to find the optimum exposure time.

*3kW Metal Halide Lamp 10 mW/cm²

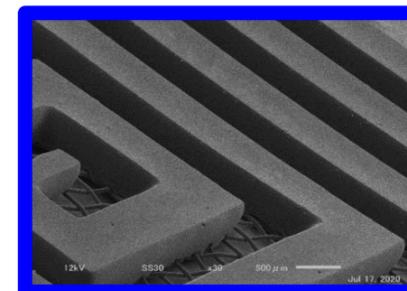
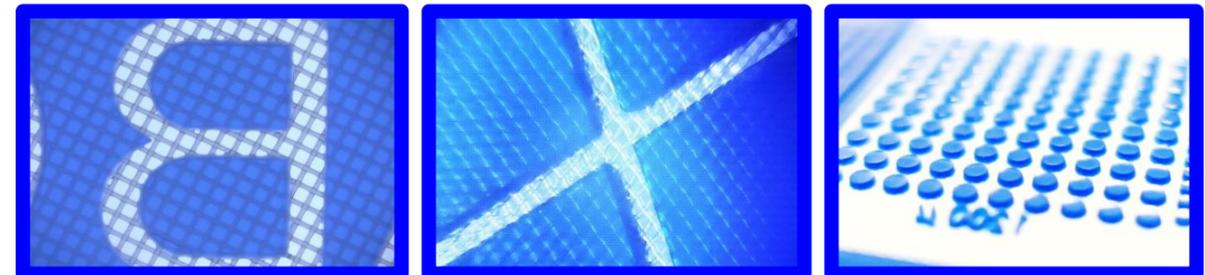
**M&R STARLIGHT™ 10 mW/cm²

Instructions

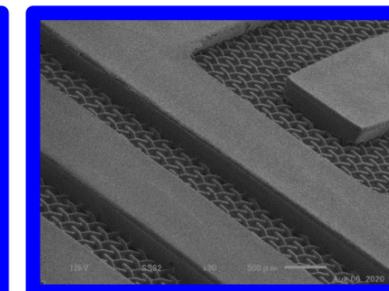
- Wash, degrease and dry screen mesh. Remove grease and foreign contaminants with MSP cleanser.
- Coat emulsion slowly in order to prevent air bubbles.
- Dry coated screen completely before exposure. Drying temperature @ +40°C.

【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.
- Do not use normal solvent (ex. Toluene, acetone, ethyl acetate) as ink cleaner.



Metal Halide Lamp
E.O.M.: 400 μm



DLE
E.O.M.: 300 μm