

AQUASOL HV

PVA-SBQ Water Resistant Type for High Stencil Making

Features/Application

- Pre-sensitized for immediate use
- Fast Exposure time for improvement in productivity
- High sensitivity & High solid contents (42%) for ease of Thick Stencil Making
- High solid contents for ease of sufficient EOM even by 1 coating process.
Effective for flat coating surface with less Rz value
- Suitable for applications with Water base ink such as Textile, Flag
- Applicable for use with Platisol Ink unless cleaning its coated surface by solvent
(Suitable for use of gentle solvent for cleaning such as Orange Oil, Turpentine oil)

Specifications

- Viscosity...8000mPa·s (25°C)
- Solid Contents...42%
- Packaging Standard... 1kg, 5kg
※Contact Murakami for custom packaging.

Exposure Data

Screen Mesh Count/Diameter/Color	E.O.M.	3kW Metal Halide lamp 100cm
		UV42 intensity: 12mW/cm ²
Polyester 31/71 φ/W	50 μm	50-70 sec
	100 μm	80-100 sec
	500 μm	360-420 sec

※ This is guidelines only and please use a gray scale calculator to locate the optimized exposure time.



MURAKAMI CO., LTD.

◆ 5-3-10 Yokokawa, Sumida-ku, Tokyo Japan
URL <http://www.murakami.co.jp/english/index.html>

Instructions

- Wash the screen mesh and remove grease and foreign contaminants with MSP cleanser.
- Coat slowly as possible as you can to prevent air bubbles.
- Dry coated screen at the temperature of 104° F (40°C) completely before exposure.
- Emulsion against temperature but it is better not to dry at high temperature in view of accuracy of dimensions.

【Remarks】

- It is recommended to filter the mixed emulsion with screen mesh before pouring back into scoop coater to remove any dust, foreign contaminants and air bubbles.
- Please store emulsion at cool and UV light free place.

Solvent Resistance Rating

Solvents	Rating	Solvents	Rating
Water	○	Turpentine oil	○
Conventional solvents	×	Citrus based chemicals	○

○ : Good × : Not recommended ※24hours absorption test result

SEM

