ONEPOT DLE-NS

SBQ Direct Emulsion (Non-Diazo type)

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

Features/Application

- Highly sensitive emulsion designed for DLE(Digital Light Engraver) system.
- One Pot type and ready to use immeadiately. No need to mix diazo.
- High chemical resistance and high printing durability.
- By one coating, sufficient emulsion membrane is ready because of high solid content and it is flat surface stencil with low RZ value.
- Applicable to solvent ink and conventional UV ink.

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℃) completely before exposure.
- Emulsion against temperature but it is better not to dry at high temperature in view of accuracy of dimension

【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.
- Please handle emulsion gently because of high sensitive emulsion.

Specifications

- Viscosity…Approx. 10000mPa･s(25℃)
- Solid Contents…Approx. 32%
- Packaging Standard… 5kg, 200kg

※Contact Murakami for custom packaging.

Exposure Data

Screen Mesh Count/Diameter/Color	E.O.M. (μm)	Recommended Exposure Condition	Exposure light source
Polyester 59/48φ/W	8～10	100mJ/cm^2	3kW Metal Halide Lamp
Polyester 100/40φ/Y	8～10	100mJ/cm^2	

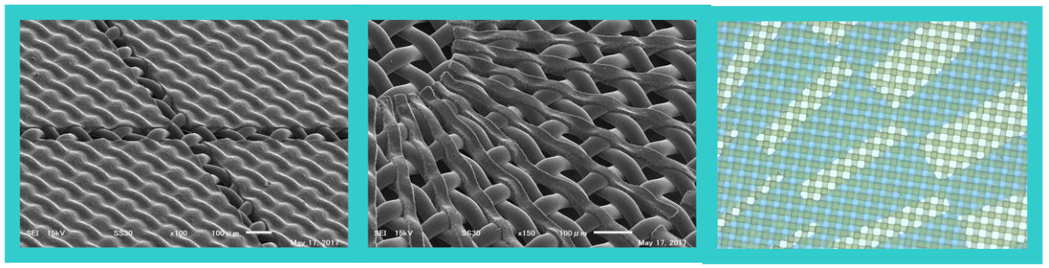
※ This is guidelines only and please use a gray scale calculator to locate the optimized exposure time.

Solvent Resistance Rating

Solvents	Rating	Solvents	Rating
Water	×	Ethyl Acetate	△
Toluene	○	Butylcellosolve	○
Acetone	△		

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

SEM



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