

ONEPOT DLE-10

Highly sensitive SBQ thick stencil Emulsion for DLE/LED



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Features/Application

- Able to use as it is, but adding diazo will improve resolution and impression.
- Fast Exposure time, faster screen turnaround for volume production
- High solid contents and viscosity for easy coating and build up emulsion thickness
- Excellent resolution and definition
- Suitable for solvent based inks and UV inks.
- Easy to reclaim

Specifications

- Viscosity: Approx. 8,000mPa·s (25°C)
 - Solid Contents: Approx. 43%
 - Packaging Standards: 1kg, 5kgs, 200kgs
- ※Contact us for custom packaging.

Exposure Data

Screen mesh, Color	EOM (μm)	Metal Halide Lamp* LED 405nm**
Polyester 31mesh/cm-100φ White	20μm Print side 2/Squeegee side 2	200 ~ 280 mJ 100 ~ 140 mJ
Polyester 31mesh/cm-100φ White	80μm Print side 4/Squeegee side 8	360 ~ 480 mJ 180 ~ 240 mJ
Polyester 59mesh/cm-48φ White	10μm Print side 1/Squeegee side 1	80 ~ 120 mJ 40 ~ 80 mJ
Polyester 59mesh/cm-48φ White	16μm Print side 1/Squeegee side 2	100 ~ 140 mJ 50 ~ 70 mJ
Polyester 100mesh/cm-40φ Yellow	8μm Print side 2/Squeegee side 2	100 ~ 140 mJ 50 ~ 70 mJ

The above is for guideline purposes only. Please use a grayscale exposure calculator to identify optimal exposure time.
If you add diazo 1g/kg, please expose 1.2 times as a guide.

*UV42 Intensity meter

**AITEC SYSTEM UVM-100

Instructions

- Use Murakami MSP cleanser to remove excess grease on mesh.
- Dissolve provided diazo with 2% water of emulsion volume.
Please do not use warm water.
- Prior to use, let mixed emulsions settle for one day.
Or for immediate use, filter it with 100/cm or higher.
- Coat slowly to minimize air contamination.
- Dry out the coated screen by fanned warm air at 40°C. (104°F)

【Remarks】

- Please filterate emulsion by mesh fabric for interval use.
- Please handle emulsion gently because of high sensitive emulsion.
- Keep the mixed emulsion in a cool and UV light safe area and use it within 1 week.
- Wearing protective equipment is required. Please confirm SDS for more details.
- To avoid the deterioration of screen,
please be caution for the use of ink and detergent containing the solvents mentioned below.

- * N-Methyl Pyrrolidone(NMP)
- * N,N-dimethylformamide
- * Methanol

- * Ethanol
- * Ethylene Glycol
- * Propylene Glycol

Pictures

