TKB *SBQ TYPE* STENCIL FILM

The ultimate direct stencil film quite easy to make precision stencil without complexity equipment and many operation

▶ Features

- Achieves high resolution (50μ fine line resolution)
- Emulsion pasting brings out the advantages of the direct method (printing resistance and solvent resistance).
- It can be stored for a long time (1 year or more in the Film / PS plate).

▶ How to paste

Film pasting by emulsion application

- Paste Emulsion KBS-624(Add a photosensitizer in advance, stir and then filter and defoam)
- Apply emulsion

  (once the printing surface) → (once on the squeegee surface) → (paste the film on the printing surface)
- Be careful of static electricity and dust when pasting. (Too much pressure on the film can cause defects.)

Film pasting by water application

- Degrease the mesh with a cleaning agent.
- Rinse both sides thoroughly with water.
- After draining the water, use an empty bucket to attach the film.
- Squeeze with the tip of the bucket 2-3 times.
- Be careful of static electricity and dust when pasting. (Too much pressure on the film can cause defects.)

▶ Film thickness and proper exposure time after pasting

White Mesh(TKB type)

Mesh Count	Emulsion Thickness				
	20μ	30μ	50μ	65μ	80μ
100T	35	40	50	58	70
120T	35	40	50	58	65
150T	30	35	45	53	60

Yellow Mesh(TKB type)

Mesh Count	Emulsion Thickness				
	3μ	5μ	8μ	13μ	18μ
255T	13	16	20	27	28
305T	12	15	18	22	25
355S	12	14	16	19	22

- Caution : The above exposure time is for reference only.
- Light source : Metal halide 3KW / Distance 80cm Unit: Millijoule / UV integrated amount

▶ Manufacturing standard

Film Type	TKB type-Blue(SBQ Type)
Emulsion thickness	12、15、20、25、35、50、75、100μ
Roll Width	640mm、1040mm
Paste Emulsion	KBS-624

- The parts in red are custom-made products
- Emulsion film thickness and sheet size can be manufactured upon consultation.