

## Printing type adhesive

# JU-48P

## Delivers good stencil release and excellent shape definition

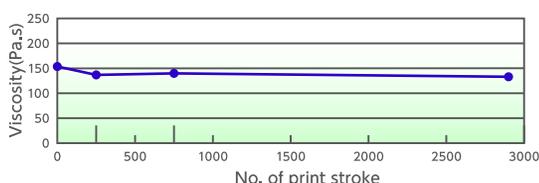
### Stable continual printing

#### ■ Viscosity variation

Print (knead) adhesive on the sealed-up stencil continually up to 24 hours to observe viscosity variation.

##### ● Printing method

- Squeegee : Metal blade, Angle - 60°
- Tact time : 2stroke/1min.
- Squeegee speed : 30mm/sec.
- Print stroke : 300mm
- Printing environment : 24~26°C, 40~60%RH
- Equipment : PCU-205(Malcom spiral type viscometer,PCU-205 at 25°C 10rpm)

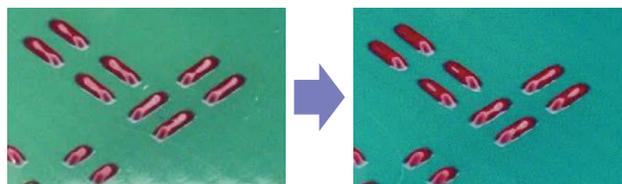


#### ■ Continual printability

Continuous printing of 10 test boards, conduct 100 rolling strokes and wash metal stencil after then continuous printing of 10 test boards.

##### ● Printing condition

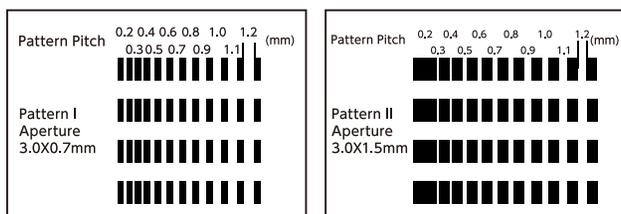
- Stencil : t=0.20mm , laser cut stencil
- Test condition : Same as P6 test condition



Excellent print definition with no smearing and constant printing volume in each pattern.

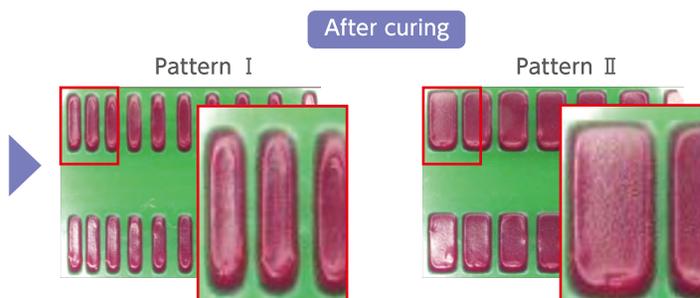
### Minimal heat slump when curing

#### ■ Heat slump



##### ● Test condition

- Print condition : manual
- Stencil : t=0.20mm
- Stencil Aperture : Refer to the image(bottom right)
- Curing condition : 120 °C X 5min



0.2 pass

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JU-48P passes 0.2mm gap in both patterns I & II. It eliminates any slumping of print deposits and its improved shape retention properties helps secure consistent height of print deposits.

### Free of toxic substances (UN3077)

JU-48P is not classified in the dangerous goods category of UN regulation, while many other existing adhesives are. Therefore, JU-48P enables the user to avoid costly specific or dedicated transporting charges.



#### Product specifications

Product name	JU-48P
Composition	Epoxy
State / Color	Paste / Brown
Viscosity (Pa.s)	150
Glass transition temperature (°C)	105
Curing condition	130°C x > 90sec.
Shelf life (0 - 10°C)	6 months

