

Halogen free tack flux

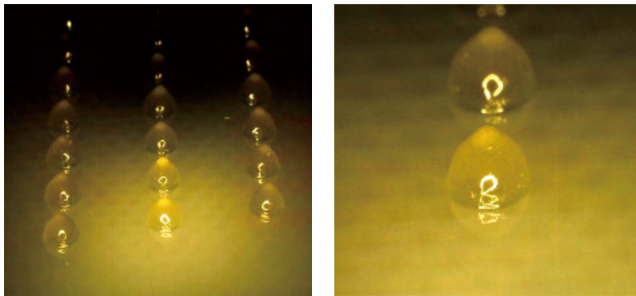
# TF-M880R



Ensures superior wettability & reliability despite being halogen free

## Maintains stable dispensability & excellent tack force

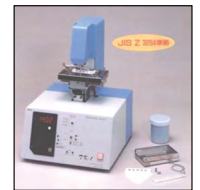
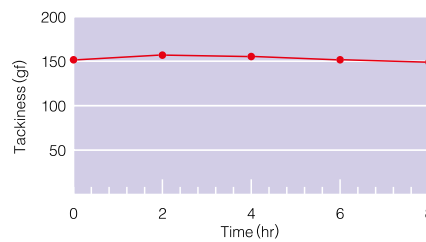
### State of deposited TF-M880R



TF-M880R maintains excellent tack force for a prolonged time so that it prevents BGA or CSP from being misaligned once mounted.

### Tackiness test

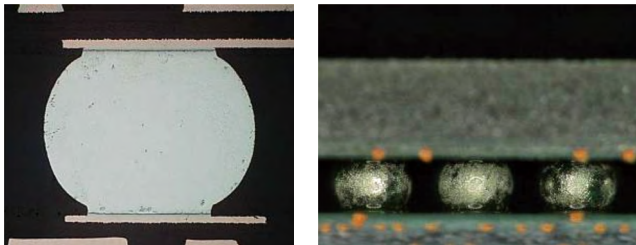
- Stencil / Aperture : 0.2mm thick / 6.5mmΦ
- Probe pressure : 50gf
- Pressing time : 0.2sec.
- Separation speed : 10mm/sec.
- Test standard : JIS Z 3284
- Test environment : 25±1°C, 60±10%RH



Malcom Tack Tester

## Successfully combines wettability & reliability

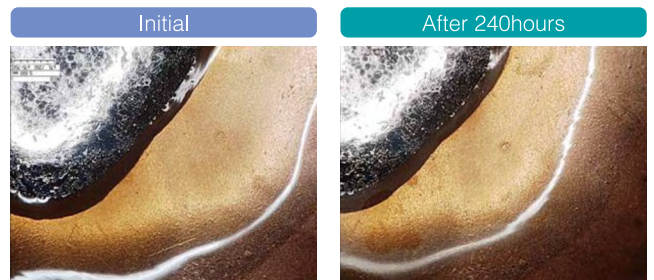
### State of BGA joints



TF-M880R effectively prevents defective merger which often occurs with conventional halogen free products, by improving its heat resistance. Conforming to halogen free and ROL0 in IPC J-STD-004A standard, TF-M880R successfully combines wettability and reliability.

### Copper plate corrosion test

- Test environment : 40±2°C 90-95%RH x 240hours
- Test standard : IPC J-STD-004A



No evidence of corrosion was observed and TF-M880R conforms to ROL0 in IPC J-STD-004A standard.

### Product specifications

Product specifications			Product specifications		
<b>Product name</b>	TF-M880R	No clean type	<b>Product name</b>	TF-A254	Excellent cleanability
<b>Product category</b>	Halogen free	Excellent dispensability	<b>Product category</b>	Cleanable/No-clean	Excellent dispensability
<b>Application</b>	Dispensing Repairing	Powerful wetting	<b>Application</b>	Dispensing Repairing	Powerful wetting
<b>Color</b>	Amber grow	Halogen free	<b>Color</b>	Amber grow	
<b>Halide content (%)</b>	0		<b>Halide content (%)</b>	0.15	
<b>Flux type</b>	ROL0		<b>Flux type</b>	ROM1	
<b>Viscosity (Pa.s)</b>	37.7		<b>Viscosity (Pa.s)</b>	12.5	