

## QF2062

No Clean Liquid Flux



### Product Description

QF2062 is a newly formulated low solid content RMA flux suitable for leaded and lead free applications. The flux leaves a very thin transparent coat, which not only protects the board surface but also gives it additional aesthetic values. This flux has been formulated such that no solder balls are formed and bridging are minimised.

### Application

QF2062 is specially formulated for spraying as well as foaming and dipping process. Recommended onboard preheat temperature is 90 – 110 °C.

### Residue Removal

Since the residues are minimal and non-corrosive, removal is usually not required. If cleaning is required, the flux residue could be removed by any solvent or aqueous flux cleaner available in the market.

### Recommended Solvent

Asahi's complementary Solvent #2000. Solvent can be stored for about 2 years under normal storage conditions of 25°C.

### Health and Safety

Observe standard precautions for handling and use, such as well-ventilated areas and avoidance of prolonged or repeated contact with the skin. For more information, please refer to the Material Safety Data Sheet.

### Storage

Under proper storage condition, QF2062 can be stored for up to 6 months. QF2062 is flammable. Keep away from all sources of heat, sparks, flame and sunlight.

### Packaging

Available in 18kg/carboy.

### Specification

Item	Result
State	Liquid
Colour	Colourless
Specific Gravity @ 25°C	0.805 +/- 0.005
<small>JIS Z 3197 8.2.2</small>	
Non-volatile Solid Content (110°C, 1hr)	4.0 +/- 0.5 wt%
<small>IPC-TM-650 2.3.34</small>	
<small>JIS Z 3197 8.1.3</small>	
Halide Content	Not added
<small>JIS Z 3197 8.1.4.2.1</small>	
Acid Value Test	20.0 +/- 1 mg KOH/g flux
<small>IPC-TM-650 2.3.13</small>	
<small>JIS Z 3197 8.1.4.1</small>	
Water Extract Resistivity	> 1 x 10 <sup>4</sup> Ω-cm
<small>JIS Z 3197 8.1.1</small>	
Surface Insulation Resistance (85°C, 85%RH, 168hrs)	> 1 x 10 <sup>8</sup> Ω, Pass
<small>IPC-TM-650 2.6.3.3</small>	
<small>JIS Z 3197 8.5.3</small>	> 1 x 10 <sup>11</sup> Ω, Pass
Electromigration (85°C, 88.5%RH, 596hrs)	Pass
<small>IPC-TM-650 2.6.14.1</small>	
Copper Corrosion Test	Pass
<small>IPC-TM-650 2.6.15</small>	
<small>JIS Z 3197 8.4.1</small>	
Copper Mirror Test	Classified as "M", Pass
<small>IPC-TM-650 2.3.32</small>	
<small>JIS Z 3197 8.4.2</small>	
Flux Activity Classification	ROM0
<small>IPC J-STD-004</small>	
Spread Factor	> 75% (SnCu)
<small>JIS Z 3197 8.3.1.1</small>	
Residue Dryness Test	Dry
<small>IPC-TM-650 2.4.47</small>	
<small>JIS Z 3197 8.5.1</small>	
Surface Finish	Shiny

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