



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



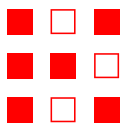
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





## RF741 Rework Flux

### No-Clean Electronic-Grade

### Product Description

Kester RF741 is a high-viscosity, no-clean flux designed for electronic component rework and repair applications. RF741 has a gel-like consistency and is easily applied by syringe dispensing. RF741 can be precisely dispensed onto a specific area that needs flux. After being dispensed, RF741 stays in place until soldering occurs. Traditional problems experienced with controlling the application of low solids no-clean liquid fluxes are eliminated. RF741 has excellent performance in applications requiring a flux having good thermal stability such as surface mount component repair. RF741 is the ideal choice for QFP or BGA semi-automated rework operations. In addition, RF741 is well suited for use with through-hole repair operations where solder fountain or controlled solder reservoir is being used for selective component removal and repair. Residues that remain on surfaces after soldering are almost colorless, leaving a very cosmetically appealing repair. The residue has high electrical resistance and can be left on the assembly after soldering. Residues are compatible with all no-clean fluxes in the Kester product line. RF741 can be used in combinations with Kester no-clean cored wire solders and no-clean solder pastes, as well as no-clean liquid fluxes without any compatibility risks.

#### Performance Characteristics:

- Compatible with most no-clean chemistries
- Leaves bright/shiny solder joints after reflow
- Classified as ROL0 per J-STD-004
- Compliant to Bellcore GR-78

### RoHS Compliance

This product meets the requirements of the Restriction of Hazardous Substances (RoHS) Directive, 2015/863 for the stated banned substances.

### Physical Properties

**Viscosity (typical):** 180 poise  
Malcom Viscometer @ 10rpm and 25°C

**Acid Number (typical):** 75.0 mg KOH/g of flux  
Tested to J-STD-004, IPC-TM-650, Method 2.3.13

### Reliability Properties

**Copper Mirror Corrosion:** Low  
Tested to J-STD-004, IPC-TM-650, Method 2.3.32

**Chloride and Bromides:** None Detected  
Tested to J-STD-004, IPC-TM-650, Method 2.3.35

**Surface Insulation Resistivity (SIR):** Pass  
Tested to J-STD-004, IPC-TM-650, Method 2.6.3.3

**Corrosion Test:** Low  
Tested to J-STD-004, IPC-TM-650, Method 2.6.15

**Fluorides by Spot Test:** Pass  
Tested to J-STD-004, IPC-TM-650, Method 2.3.35.1

**Silver Chromate:** Pass  
Tested to J-STD-004, IPC-TM-650, Method 2.3.33

	Blank	RF741
Day 1	2.5*10 <sup>10</sup> Ω	4.0 × 10 <sup>8</sup> Ω
Day 4	1.5*10 <sup>10</sup> Ω	1.6 × 10 <sup>9</sup> Ω
Day 7	1.4*10 <sup>10</sup> Ω	4.0*10 <sup>9</sup> Ω

 **Cleaning**

RF741 is a no-clean chemistry. The residues do not need to be removed for typical applications. If residue removal is required, call Kester Technical Support.

 **Storage, Handling and Shelf Life**

Shelf life is 1 year from the date of manufacture when stored between 0-10°C (32-50°F).

 **Health and Safety**

This product, during handling or use, may be hazardous to your health or the environment. Read the Safety Data Sheet and warning label before using this product.