

# JBC

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## INSTRUCTION MANUAL



### FL15

Flux Bottle (15 ml) with Applicator

This manual corresponds to the following references:

FL-15

## Packing List

The following items are included:



Flux Bottle (15 ml)  
with Applicator ..... 1 unit



Manual ..... 1 unit  
Ref. 0031375

## Features

FL15 contains a liquid water-based flux for desoldering/soldering components and is intended for preparation before soldering SMD components.

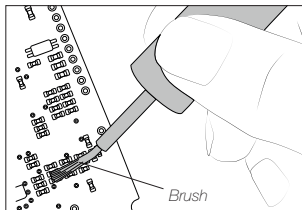
This flux is made under strict quality assurance and conforms to J-STD 004 as ORL0 type.

**Note:** Although residues of JBC's flux are minimal, they are water soluble for those cases where thorough cleaning is required.

## How to use FL15

Prior to flux application, clean and degrease the surface to be soldered.

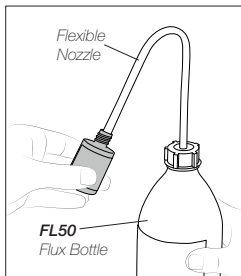
Use the brush to apply the flux to the SMD components. Do the solder joint.



## JBC's Flux Cleaning Agent

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The bottle of FL15 can be refilled with flux.

To refill, use for example JBC's FL50, a 500 ml bottle with a flux cleaning agent and a useful flexible nozzle which helps to refill small containers.

## Safety

- Wear protection glasses and gloves during handling.
- Avoid contact with skin and eyes. It may cause sensitisation by skin contact and be irritating to eyes and skin in case of lengthy contact.
- Do not eat or drink. It is harmful in case of ingestion.
- In case of problems due to contact, ingestion or inhalation, seek medical advice.
- First Aid Measures:
  - Eyes: Flush with abundant clean warm water and seek first aid.
  - Skin: Wash with soap and water.
  - Inhalation of fumes: Move the affected person away from the source and outside to get fresh air. Seek medical help.
  - Oral Ingestion: Drink plenty of clean water and seek immediate medical attention.
- Wash your hands after use.
- Any waste materials should be stored in sealed containers and be disposed of according to the relevant Acts of Parliament and Local Authority Bylaws. Further advice can be obtained from your local waste disposal officer.
- This product should only be used by authorised personnel who have been properly trained in its handling and use in accordance with good industrial hygiene and safety practices.
- Keep away from children.

# Specifications

## FL15

### Flux Bottle (15 ml) with Applicator

Ref. **FL-15**

- Net Weight: 45 g / 0.100 lb
- Package Dimensions/Weight: 80 x 40 x 35 mm / 54 g  
(L x W x H) 3.15 x 1.57 x 1.38 / 0.119 lb

### Cleaning Agent:

- Quantity: 15 ml
- Storage: Keep the container tightly closed  
Ideal temperature near 20 °C / 68 ° F for 6 months
- Solvent: Water 98 % by mass and  
Organic activators 2% by mass (*no conductive residues*)
- Acid Value: 22 mg/ml
- Chloride Content: Halide free
- Corrosiveness: None
- Insulation Resistance: > 10 GΩ
- Dangerous substances: None
- Non Flammable
- Ecological Information: Biodegradable
- Flux Classification: Conforms to J-STD 004 as ORLO (*no halide activator*)

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## Warranty

JBC's 2 year warranty covers this equipment against all manufacturing defects, including the replacement of defective parts and labour.

Warranty does not cover product wear or misuse.

In order for the warranty to be valid, equipment must be returned, postage paid, to the dealer where it was purchased.



This product should not be thrown in the garbage.

In accordance with the European directive 2012/19/EU, electronic equipment at the end of its life must be collected and returned to an authorized recycling facility.



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