

# FT100 FLUX THINNER

## GENERAL DESCRIPTION

FT101 is an alcohol solvent used for thinning FCT Assembly fluxes where specified.

## KEY ADVANTAGES

- High Purity
- Consistent Quality
- Compatible with a wide range of FCTA Flux formulations

## APPLICATIONS

- Flux Thinners: The major use is in thinning liquid fluxes in wave soldering machines. Fluxes in wave soldering machines lose solvent by evaporation and this has to be replaced from time to time. This loss of solvent is monitored by checking the specific gravity of the flux. The specific gravity is returned to its original figure by the addition of FCT Assembly FT100 to the flux with stirring. The precise volume to be added will depend on the specific gravity and volume of the flux in the machine. FT100 is suitable for use in automatic flux density controllers.

## STORAGE AND HANDLING

Product shall be ideally stored in a cool, dry location away from direct sunlight in unopened containers at a temperature between 10° and 30°C (54° to 86°F) unless otherwise labeled. Optimal storage is 20° and 25°C (68° to 77°F). To prevent contamination of unused product, do not return any material to its original container. Shelf life information is listed on the product label.

## STANDARD PRODUCT AVAILABILITY

UNIT OF MEASURE
<b>1 gallon Jug</b>
<b>5 gallon Pail</b>
<b>55 gallon Drum</b>

## PHYSICAL PROPERTIES

Physical Properties	Values
Specific Gravity at 25°C	0.784
Boiling Point	82° C
Flash Point (Abel)	12° C
Water Content	0.5% max

## MATERIAL SAFETY DATA SHEETS

Material Safety Data Sheets (MSDS) are available online at [www.fctassembly.com](http://www.fctassembly.com)