

Model: CS-FX6

RUBY FLUID LIQUID FLUX FOR STAINLESS STEEL



RubyFluid Stainless Steel is a water-based, general purpose, inorganic-acid flux formulated for soldering stainless steel and other industrial metals. The flux contains Zinc Chloride and Hydrochloric Acid that make this flux active at room temperature where it begins to clean metals and remove oxides. The flux exerts a strong scavenging action to remove oxide coatings and other impurities from the metal surface to produce strong joints. Pre-cleaning is not necessary under most conditions.

Superior RubyFluid Stainless Steel is excellent for use on Stainless Steel, Monel, High-Chrome Alloys, Inconel, Nickel, Copper, Brass, Ferrous Alloys and many more metals. It is not recommended for Aluminum and Magnesium.

Superior RubyFluid Stainless Steel may be applied with a brush, swab or by dipping. The flux exhibits the best activity between 93-315° C/200-600° F. Post-solder residues are water-soluble and hot water rinses (140° F or higher) may be adequate for most applications. The following steps are recommended for optimum soldering results:

1. Remove any oil, grease, or other contaminants from the surface to be soldered.
2. Apply flux to joint by dipping, spraying, dragging, swabbing or brushing to area being soldered.
3. Preheat or air-dry area to be soldered after flux has been applied to activate the flux and yield optimum soldering characteristics and reduce or eliminate spattering.
4. Apply solder, dip part, place torch or iron to area being soldered.
5. To insure complete removal of flux residues, first use water containing 2% HCl followed by as many hot water rinses as necessary.

FEATURES AND BENEFITS

Formulated for soldering Stainless Steel and High-Chrome Alloys.

Excellent across a broad range of base metals, solders, and temperatures.

Exhibits excellent capillary action.

Color varies. Currently Clear Red Liquid.

TECHNICAL SPECIFICATIONS

| | |
|---------------------|---------------------------|
| Specific Gravity | 1.1172 @ 21Â°C |
| MV | 422.4 @ 21Â°C |
| Solderability | Passes on Stainless Steel |
| Appearance | Clear Red Liquid |
| Net Volume | 2 oz (59 ml) |
| Country of Origin | US |
| Harmonization Code: | 3810.90.0000 |
| RoHS Compliant | Yes |
| Safety Data Sheets | Download |

SIMILAR PRODUCTS

The following products are related (similar model but different specifications, etc.) to Model CS-FX6 featured on this page:

| Model | Product Name |
|--------------|---|
| CS-FX7 | Ruby Fluid Liquid Flux for Stainless Steel (Pint) |