



# HF533

## Halide Free No Clean Core Flux

### DESCRIPTION

HF533 cored flux is specially formulated for use in the No-Clean environment, which complies with DIN 8511, Type F-SW32 (German Standard). This cored flux is formulated with high purity speciality chemicals with halide-free additives. Thus it gives a non-corrosive, colourless and transparent residue, which exhibits good electrical insulation properties.

### APPLICATION

HF533 is specially developed for use in electronics industries where No-Clean process or yellowish/brown residue is not acceptable aesthetically on the printed circuit boards during manual or rework process. This cored flux is also specially formulated for the industries where RA Type and RMA halides cored fluxes are considered potentially corrosive and a more active flux than plain rosin flux is required.

### RESIDUE REMOVAL

Since the residue is dry and non-tacky and practically inert after soldering, residue removal is usually not required. For assembly that is to be operated above the melting point of rosin (more than 65°C), HF533 can be completely removed by Asahi Flux Cleaner.

### SPECIFICATIONS

Density	=	1.08 g/cm <sup>3</sup> at 25°C
Chloride Content	=	None
Water Extract Resistivity	=	>1 x 10 <sup>4</sup> Ω-cm
Copper Mirror Test	=	Pass
Surface Insulation Resistance	=	>1 x 10 <sup>13</sup> Ω

#### DISCLAIMER OF LIABILITY

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