



TECHNICAL DATA SHEET

BOW 805 NO CLEAN ORGANIC FLUX

DESCRIPTION

Bow 805 is a halide free, organic based flux with a low solids content. It is designed for wave soldering of conventional and SMT boards. It contains no rosin, which is an advantage when performing electrical pin testing. Also 805 is ideal when soldering certain types of switches with exposed contacts. A small amount of residue that may be left behind is non-corrosive and may be left on the board without subsequent cleaning. Operating costs can therefore be substantially reduced. With a higher activator content than 802, the 805 flux is designed for surfaces that demand a stronger flux than the typical no-clean.

APPLICATION

Bow 805 may be used in both foam and spray fluxing equipment. It may also be applied by brushing, dipping, or spraying.

RESIDUE REMOVAL

Cleaning is not required. If necessary, use deionized water at 140°F

PHYSICAL PROPERTIES

Color and Appearance	Clear Liquid
Solids Content (% by wt.)	4.2
Specific Gravity @77°F	0.87
Density (lbs./Gallon)	7.34
Flash Point (°F)	48

MAINTENANCE

As the organic solvent evaporates, the flux becomes more concentrated (i.e. the specific gravity of the solution increases). The consistency of Bow 805 may be maintained by adjusting the specific gravity with Bow 1200 Thinner.

PACKAGING AND STORAGE INFORMATION

Bow 805 and the companion Bow 1200 Thinner are available in 1 pint, 1 quart, 1 gallon, 5 gallon and 55 gallon containers. They should be stored in a cool dry place. Since this flux is flammable, keep away from open flames and spark sources. Please consult Safety Data Sheets prior to use.

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