Special-Flux
B-10000

Cat.-no. 4910

Flux for soldering u. Tinning processes (strip tinning / cooler construction)
Activator base: bromide, zinc-free and miscible with water.
ISO-9454: 2124 (2.1.2.A)
WEEE / RoHS-compliant

This special flux is a "non-foaming" high performance bromide activator based flux. It contains no heavy metal compounds such as zinc or zinc ammonium chloride, but predominantly organic halogen compounds. These are characterized by the fact that on the one hand they spontaneously and intensively dissolve oxides, on the other hand, from about 230-260 ° C. successively disintegrate and hardly any residues remain when the procedure is adapted.

B-100001 was specially developed for the continuous surface finishing of Kuper u. Brass bands and wires with pure tin, Sn / Pb-Leg. and other Sn alloys. Main applications are strip tinning u. Kühlerbau. Due to the exceptional reaction speed and the resulting "rapid decoction", as well as rapid drying of the flux can be used in these processes with very high throughput speeds.

The flux also contains specially tailored surface-active additives, offering the benefits of intensive wetting and economical consumption.

Technical data (values as delivered):

Aussehen (wie geliefert):	Colorless to slightly yellowish transparent liquid
Density at 20 ° C:	1,05 – 1,15 g/ml
pH-value: (1/1):	0,9 – 1,2
Activator base:	Organic halide complex
Bromide (content) [Br-]:	13,5 – 14,5%
Miscellaneous:	The product is not flammable and can be mixed with water indefinitely.

The flux **B-10000** can be stored within a temperature range of approx. 10 ° C to 25 ° C.

Additional information on the ingredients (hazardous substances), safe handling, storage, transport and disposal can be found in the current safety data sheet (SDS, SDS, MSDS).

Recommendations for the processing of this flux:

B-10000 is a ready-to-use flux and can be used directly.
This concentrated flux is also suitable for preparing further ready-to-use solutions (dilutions, for example, for hot-dip tinning of Cu or Cu alloys). From practice, mixing ratios in the range from 1: 4 to 1:10 are known for this process. However, the optimal dilution depends on the process or on the quality and surface quality of the material to be tinned and must therefore always be determined by the user by means of appropriate tests.

Standard packaging units:

Plastic jerrycans with 30kg, 200kg in barrels, 1000kg IBC, other sizes on request.

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