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MaxiFlux H

A paste-based deoxidizing flux designed for brazing processes at temperatures ranging from 550°C to 850°C. It is recommended for brazing copper alloys (copper, brass) and ferrous materials (stainless steel, hard steels, and tungsten carbides) on massive parts requiring prolonged or staged heating.

Suitable for flame and induction brazing.

The flux contains boron compounds, simple and complex fluorides, and potassium derivatives.

NORMS : EN 1045

: FH 12

COMPATIBLE FILLER METALS

Ternary and quaternary silver alloys from our series 505 to 563 and 1515 to 1550Ni.

Silver-copper-phosphorus alloys from our series 100 to 118.

APPLICATIONS

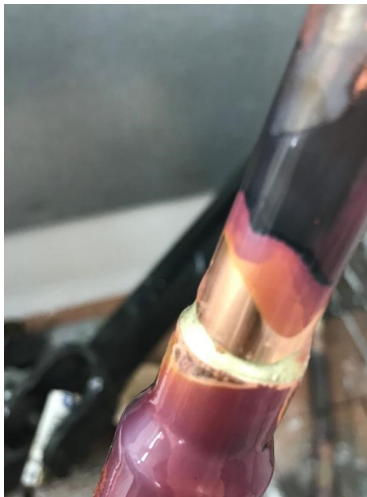
Paste flux with excellent resistance to high temperatures exceeding 600°C.

Dense, low-aqueous paste for enhanced adherence to the workpiece during heating or filler metal application.

Extended lifespan, enabling brazing within 30 to 50 seconds after the flux solidifies (measured with a 250-liter nozzle on a copper workpiece).

After brazing, parts have a clean appearance on both copper and ferrous materials.

Flux residues are easily removed, leaving no black marks on the parts post-cleaning.



Sans nettoyage



Avec nettoyage

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CLEANING METHODS

The potassium salts contained in fluxes are dissolved 99.99% through washing in a very hot alkaline solution used in regularly drained baths. Rinse thoroughly with water. These salts can be neutralized using a sodium carbonate solution. If not properly removed, the salts may remain on the parts, causing whitish stains. These salts are stable. The parts can also be easily cleaned with very hot water. Mechanical cleaning methods can also be employed to remove any residue.

HEATING METHODS

- Induction heating
- Air-gas flame (propane-butane)
- Oxy-gas flame (acetylene or propane)
- Hydrogen flame

TEMPERATURE INDICATOR

The flux becomes completely transparent when the workpiece reaches the ideal brazing temperature.

PROPRIETES PHYSICO CHIMIQUES

Appearance	: White paste
Solubility	: Water solubility: partial
Auto-ignition temperature	: Does not ignite
Lipophilicity	: NO
Temperature range	: 550°C to 850°C
Average working temperature	: 750°C
Decomposition temperature	: 950°C
Density	: 0.92 g/cm ³
pH measurement range	: 10 - 12
Vapor pressure at 20°C	: 23 hPa

CONDITIONNEMENTS DISPONIBLES

Pot de 65, 200, 350, 500, 1000 gr
Bucket of 6 kg, 12 kg.

Security Data Sheet	: FDS 4010
Technical Data Sheet	: FT 3010

Classification CE N° 1272/2008 CLP

Symbol GHS: GHS 06 - GHS 05

