



BRAZING FILLER METALS

Copper Phosphorus Alloys

Deep Know-How

As a leader manufacturer of soldering and brazing consumables, Saldflux offers a brazing solution based on 35 years of industrial experience, tried and tested processes and method

In the field of refrigeration and air-conditioning, some of the most employed alloys are the phosphorus containing alloys, commonly named CuP alloys.

These have different composition and characteristics. These brazing filler metals are capable of being used to braze copper to copper-based alloys in air without the need of separate flux (fluxless).

They are widely used in the brazing process in all industrial applications, above all in the heating and cooling industry (HVAC).

FOS® & SILVERFOS®

These brazing filler metals are appreciated for their great wetting and capillary flow. They reduce the risk of leaks after the end of the brazing process. These are very "easy to use alloys", suggested for any applications and type of joints; they have no usage restrictions in their applications. "Cosmetic appearance" of joint brazed is clean and smooth (without any porosity or impurity). FOS & SILVERFOS are suggested when the joint gap is between 0,075 mm and 0,30 mm.

DULLFOS®

DULLFOS® CuP Alloys are developed for the heat exchanger and refrigeration manufacturers. They ensure a perfect joint without any leaks and porosity when the clearance of the joints are more than 0,35 mm. Very often happens the clearances of the gap of the base metals are wider than requested, because of the poor quality or the bad finishing after the metal working process (drilling or cutting). The notch effect is inevitable if standard CuP are employed.

DULLFOS® enhances the filling capacity of brazing alloys. Do not bubble and do not carry out porosity or impurity; "Cosmetic appearance" of joint brazed is clean and smooth.

They allow re-brazing if some leaks or lacks of filler metal are detected by the brazer during the operation. When it needs to be brazed more components in adjacent and subsequent joint, the prolonged heating does not compromise the work done; DULLFOS® remains in place and does not collapse into the previous joints.



Please contact our sales office for further information or visit our web site www.saldflux.it to discover our products.



SALDFLUX™

www.saldflux.com



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