

Corrosive-Flux-Pastes

Description

Corrosive-Flux-Pastes: The flux pastes listed within contain Al-Flux 726 as the active component. Al-Flux 726 is a corrosive flux containing a mixture of LiCl, NaCl, KCl, inorganic- and complex- fluorides. Inorganic carrier systems are used to prepare a wide range of pastes for the flame brazing of aluminium-materials.

Physical Properties

Appearance:	White paste
Odor:	Weak
Melting Range:	515 -630°C
Flash Point: (organic binder):	> 134°C
Ignition Temperature:	310°C
PH (20°C)	6-7
Vapor pressure (20°C) (organic binder):	0,01 hPa
Boiling point (organic binder):	approx 230°C

Specification

Na	11-12.5 %
K	20-21.5 %
Li	3.5-4.5 %
Al	approx 1%
Zn	3.5-4.5 %
Cl	51-52%
F	6.5-8%

Classification

Corrosive-Flux-Pastes are classified as harmful according to current regulations.

Observe usual chemical handling precautions

Please see Material Safety Data Sheet (MSDS) for additional information.

Packaging

As per your request

The pastes listed below are available in various viscosities to suit specific customer requirements.

Product Name	Comment
Al-FLUX 0726/2a	Standard, for general flame brazing operations
Al-FLUX 0726/2zG	Less corrosive, easy residue removal, for general flame brazing operations
Al-FLUX 0726/2zG 200	Well suited for flame brazing of large aluminium components

Corrosive-Flux-Pastes

Corrosive – Flux – Pastes contain our Al-Flux 726, Open – Furnace – Brazing - Flux. Advantages of these fluxes include: less corrosivity in relation to flux powder or flux suspensions, lower consumption, optimal flux application due to better dosage of flux paste and quick and easy removal of the flux residues.

Corrosive-Flux-Pastes consist of:

- Al-Flux 726
- Inorganic Carrier System

Process:

Application:

- Dispense
- Brush application

Flame Brazing:

- Automatic flame braze
- Manual flame braze

Residue Removal:

- Water shower

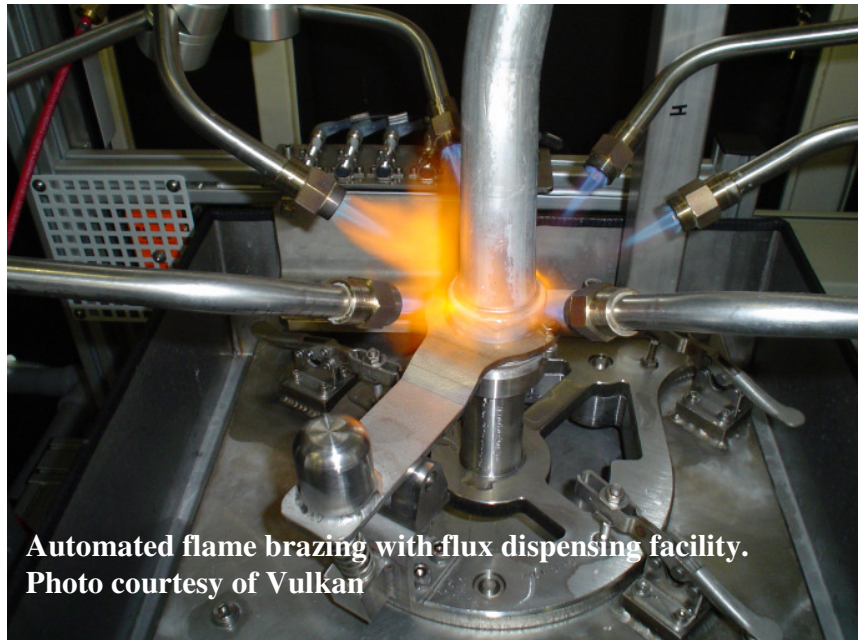
Benefits Of Corrosive-Flux-Pastes:

- Cost competitive product
- Ease of application using proprietary dispensing equipment
- Consistent flux deposition achievable
- No flux mixing/concentration monitoring required
- Creates excellent post braze cosmetics.
- Significantly reduced post-braze flux residues

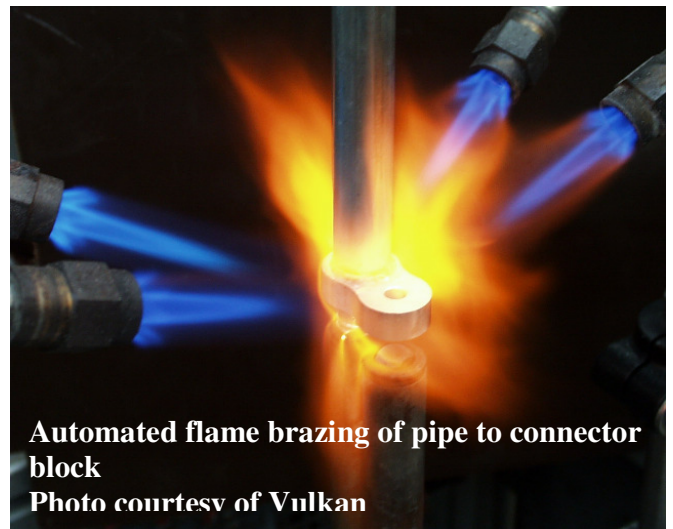
Conclusion:

Corrosive-Flux-Pastes are well suited to manual and automated facilities for the flame brazing of aluminium materials.

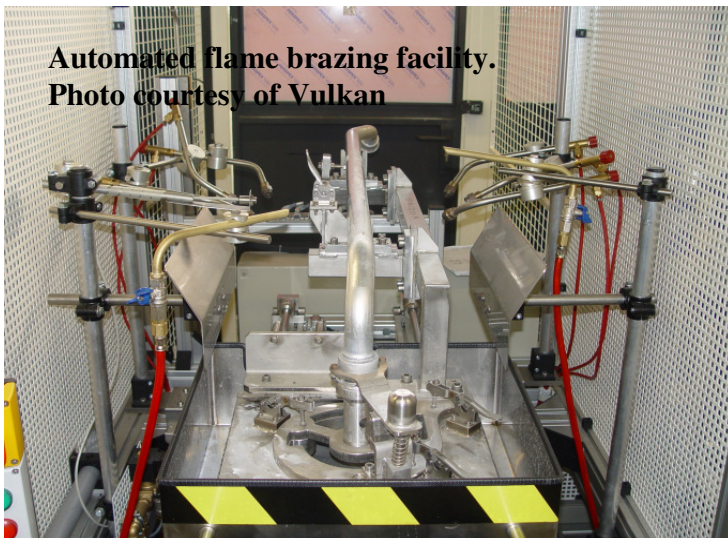
In addition to the wide range of cost effective corrosive flame brazing products, FLUX GmbH is continuously developing customer specific solutions to achieve maximum cost benefit in the processing sequence of heat exchange products.



Automated flame brazing with flux dispensing facility.
Photo courtesy of Vulkan



Automated flame brazing of pipe to connector block
Photo courtesy of Vulkan



Automated flame brazing facility.
Photo courtesy of Vulkan



Examples of flux pastes and filler wire (reel, rod and pre-form format).