

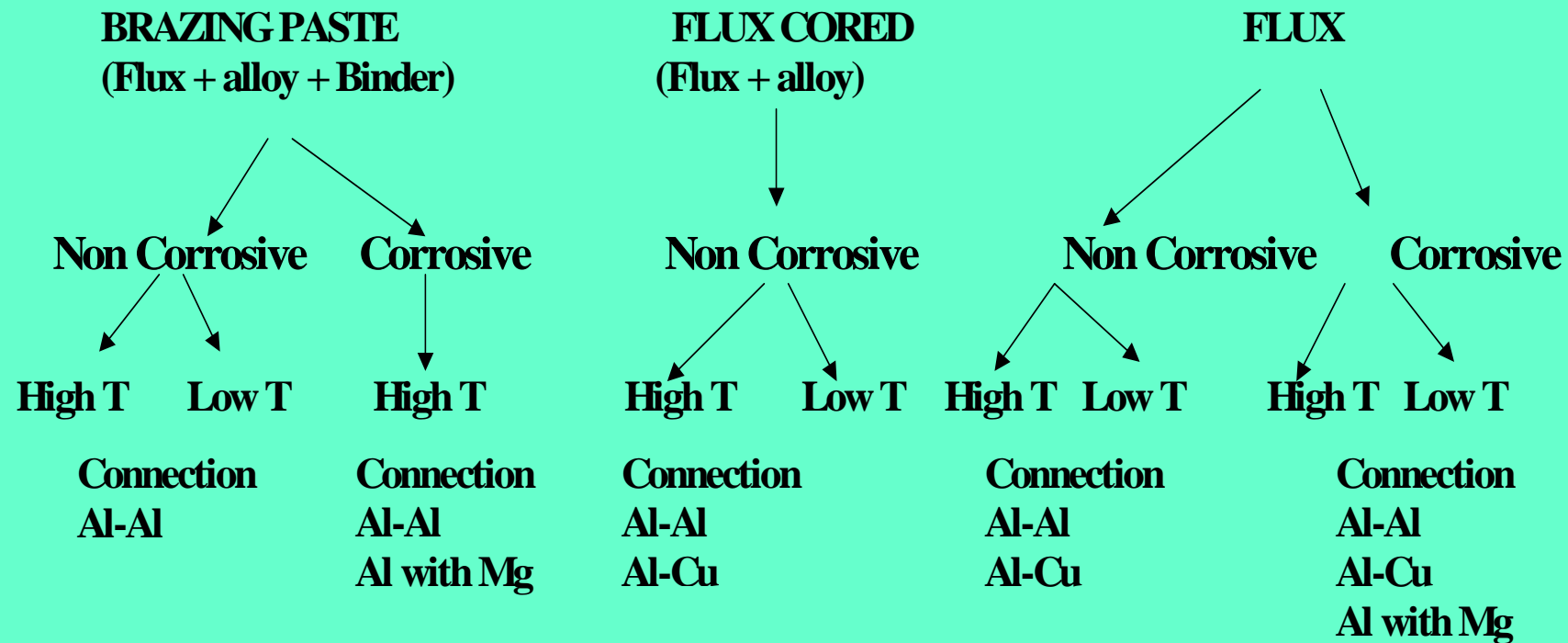
**PROTECHNO,  
YOUR SPECIALIST OF BRAZING PRODUCTS PRESENTS  
ITS ALUMINIUM BRAZING RANGE :**

**ALUMINIUM FLUX CORED ALLOYS**

**ALUMINIUM BRAZING PASTES**

**ALUMINIUM FLUXES**

# PROTECHNO : LE SPECIALISTE DU BRASAGE ALUMINIUM / SPECIALIST OF ALUMINIUM BRAZING



**Filler metals used commonly :**

**High T**      Al/Si Alloys

**Low T**      Zn/Al Alloys

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## What kind of products could we braze ?

Aluminium-Aluminium connections

Aluminium-Copper connections

Aluminium-Brass connections

Aluminium-Steel(& Stainless steel) connections

- Brazing of automotive parts : heat exchangers as condensors and evaporators, connectics and others tubes of components for air conditionning
- Brazing of aluminium frame
- Brazing of refrigeration and heating components
- Brazing of cooking utensils

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**FLUX CORED ALUMINIUM**

What is this product ?

Product cored ready for use containing one or several non corrosive fluxes with Aluminium/Silicon wire and/or powders

**Available in Wires - Spools - Rods - Rings - Preform shapes**

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## **FLUX CORED ALUMINIUM**

**What kind of flux cored is the most suitable ?**

- **High temperature connections (575°C - 590°C)**
  - **FILALU 1192 NC (100% Flux)**
  - **FILALU 1192 NCM (Flux + Filler metal powder)**
  - **FILALU 1192 NCF (Flux + wire(s))**
  - **FILALU 1192 NCCS (Special Flux + wire(s))**
  
- **Low temperature connections (430°C - 470°C)**
  - **FILALU 9802 NC (100% cesium fluoroaluminate)**
  - **FILALU 9802 NCF (cesium fluoroaluminate + wire(s))**

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**FLUX CORED ALUMINIUM**

**NEW**

**FILALU 1192/98 NCF**

This flux cored alloy is composed with a  
Mix of Aluminium-Silicon and Zinc-  
Aluminium alloy ; very suitable to start at  
lower temperatures

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**BRAZING PASTE FILALU**

What is this product ?

Product in paste ready for use containing Filler metal powder, non corrosive or corrosive flux and Binder

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**BRAZING PASTE FILALU**

**What kind of paste is the most suitable ?**

- Use in automatic process
- FILALU 1192 NCP paste (economic)
- FILALU 1192 NCSP paste (excellent wettability)
- Use in manual process
- FILALU 1192 NC paste (economic)
- FILALU 1192 NCC paste (excellent wettability)

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## **BRAZING PASTE FILALU**

### **A particular connection ?**

Aluminium-Aluminium with Mg connections

The 1192/710C paste is the adequate product to use.

It contains a corrosive flux ; it is necessary to remove the residues after brazing process.

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**BRAZING PASTE FILALU**

**NEW**

The **FILALU 8515 PNC paste** is suitable for the brazing of aluminium parts at low temperature (430°C - 470°C)

This paste is composed by Zinc/Aluminium alloy and non corrosive flux in a binder.

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**BRAZING ALUMINIUM FLUXALU**

What is this product ?

Product in powder or paste containing fluoride complex (non corrosive) or fluoride + chloride salts (corrosive)

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## **BRAZING ALUMINIUM FLUXALU**

### **What kind of flux is the most suitable ?**

- **Used with Aluminium-Silicon alloys (540°C - 560°C)**
  - **FLUXALU 9301 NC (Non corrosive powder Flux)**
  - **FLUXALU 9301 DPNC (Non corrosive Gel Paste Flux)**
  - **FLUXALU 9301 PNC (Non corrosive Liquid Paste Flux)**
  - **FLUXALU 9301 C (Corrosive powder Flux)**
  - **FLUXALU 9301 DPC (Corrosive Paste Flux)**
  
- **Used with Zinc-Aluminium alloys (380°C - 470°C)**
  - **FLUXALU 9802 NC (Non corrosive Powder Flux)**
  - **FLUXALU 9802 DPNC (Non corrosive Paste Flux)**

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**BRAZING ALUMINIUM FLUXALU**

**NEW**

The **9301 PNCST paste** is suitable for the brazing of primary components which are not clad ; indeed, this new non corrosive paste contains a thermoplastic binder which allows a selective application (spray or paintbrush) with obtaining a sticky layer (Furnace only).

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**The PROTECHNO's aluminium range is used in all  
assembly components for the A/C System**



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**For information about new  
developments in brazing aluminium  
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# EXAMPLE OF BRAZED PARTS WITH OUR PRODUCTS



