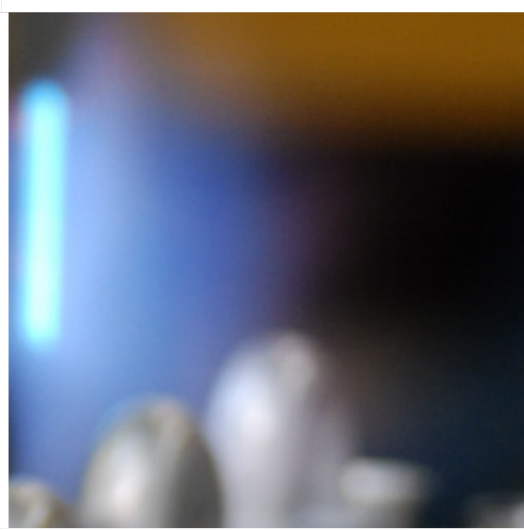
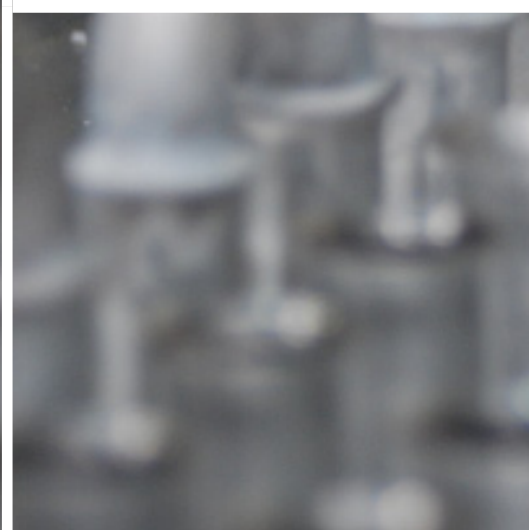




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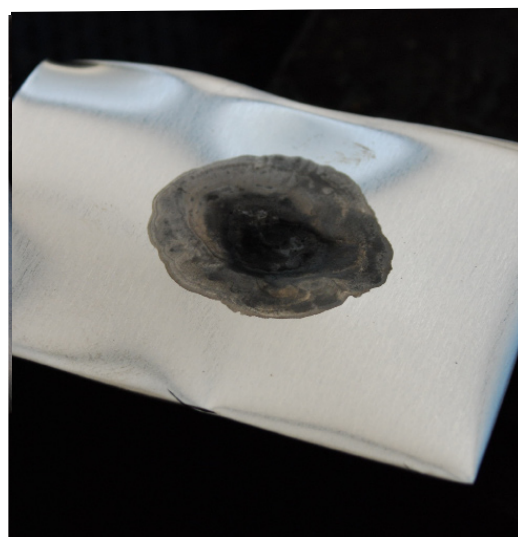
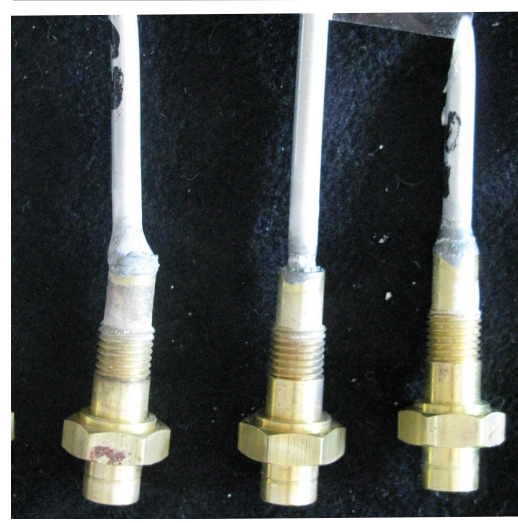
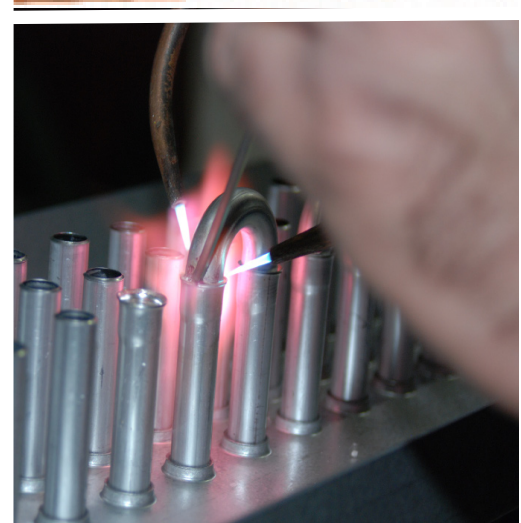
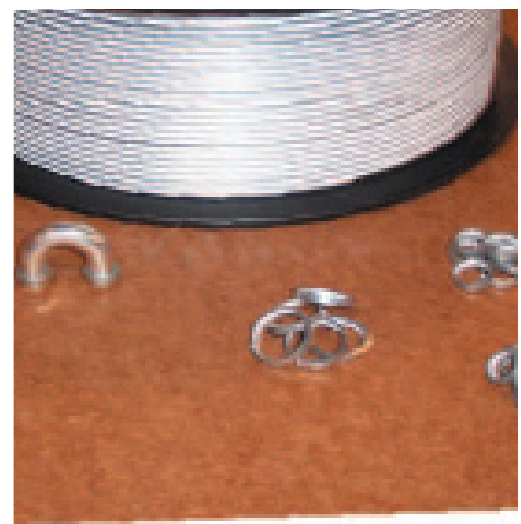
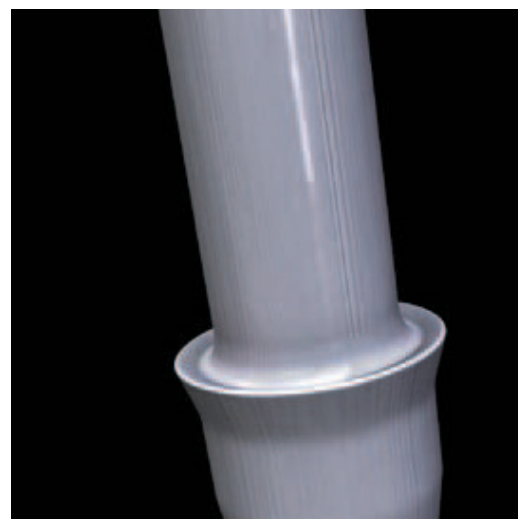
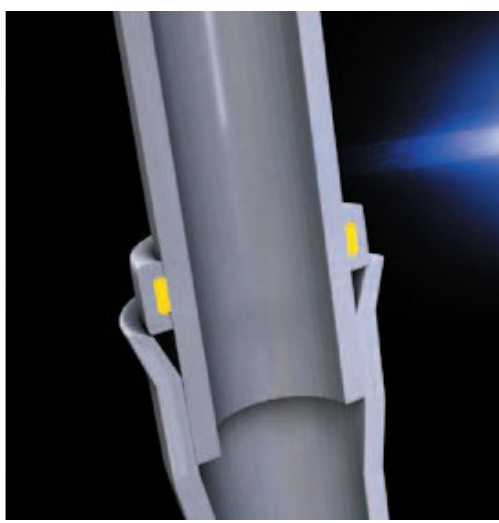


**Aluminium  
Joining Solutions**



# Selected products, applications and solutions from Pietro Galliani Brazing



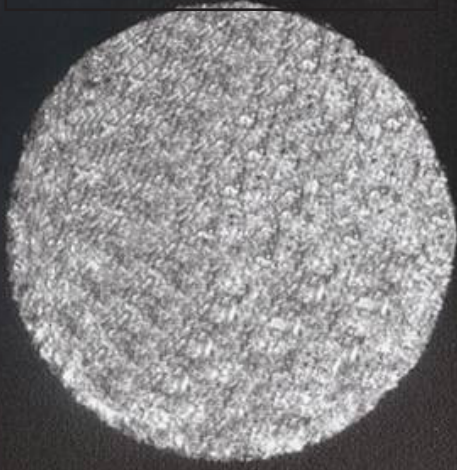




Solid Wire

Solid Cored Wire

Solid Cored Wire



## GALFLO™ Aluminium Brazing Alloys

Product	Alloy	Sol.	Liq.	Solid Wire/ Rods/Rings	U - Cored Wire/ Rods/ Rings	Flux Cored Wire/ Rods/ Rings
GalFlo ZnAl2 FCWI	ZnAl2	375	388	1.0mm-3.0mm		1.6mm, 2.0mm
GalFlo ZnAl22 FCWI	ZnAl22	440	470	2.0mm	1.3mm x 2.3mm	2.0mm, 1.6mm
GalFlo AlSi12	AlSi12	582	582	1.0mm-3.0mm		1.6mm, 2.0mm
GalFlo ZnAlAg	ZnAlAg	440	470	2.0mm		1.6mm, 2.0mm

### Standard Alloy Forms:

**Solid Wire/Rods:** The wire or rods is one solid material without flux.

**Flux Coated U-Profile:** The flux is placed within the u bend and flows out when heated. The square shapes a ring made from this shape improved thermo-conductivity and improves automated brazing processes.

**Flux Cored Wire :** The flux cored does not have binder and the fact that there's flux and alloy in one product makes it easy to make automation.



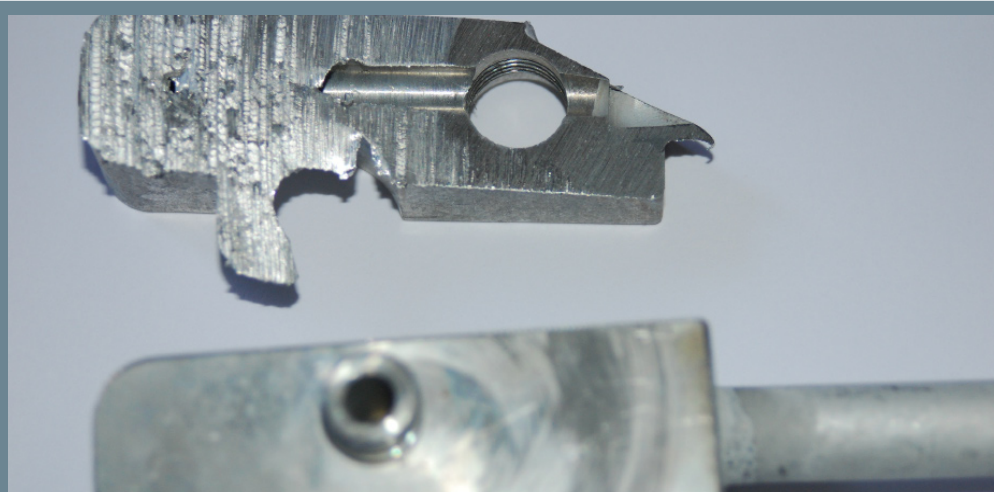
### Application Example:

Industry: Refrigeration  
Parts: Al capillary tube joint to  
copper coated dryer.



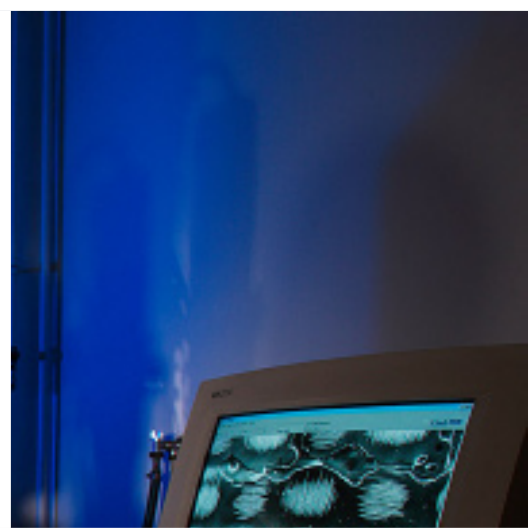
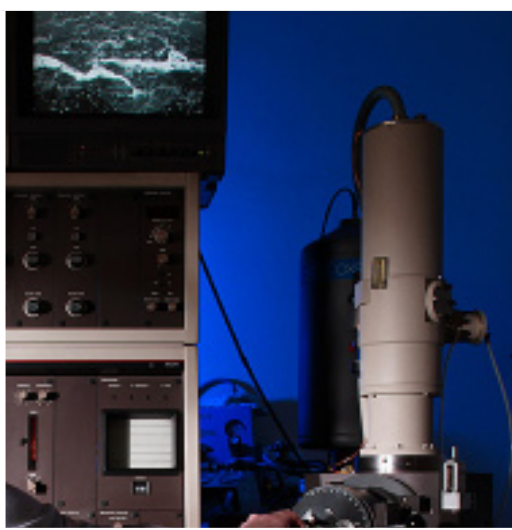
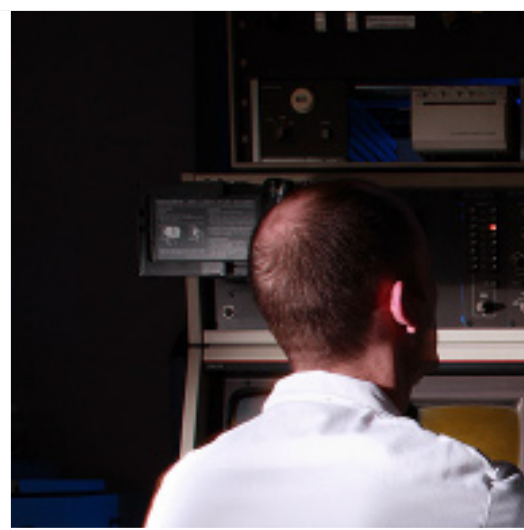
## **GALFLUX™ Aluminium Brazing Fluxes**

Product	Activity Range	Type	Max. Recommended Mg Content in base metal	Powder	Paste for Flame Bra-zing	Paste For Furnace Bra-zing
GalFlux ALCOR 101 PW	450-650	Corrosive	3%	x		
GalFlux ALCOR 101 AF	450-650	Corrosive	3%		x	
GalFlux ALNC 101 PW	560-600	Non-Corrosive	,5%	x		
GalFlux ALNC 101 PS	560-600	Non-Corrosive	,5%		x	
GalFlux ALNC 101 AG	560-600	Non-Corrosive	,5%			x
GalFlo ZNNC PW	440-480	Non-Corrosive	1,5%	x		
GalFlo ZNNC PS	440-480	Non-Corrosive	1,5%		x	
GalFlo ZNNC AF	440-480	Non-Corrosive	1,5%			x



### **Application Example:**

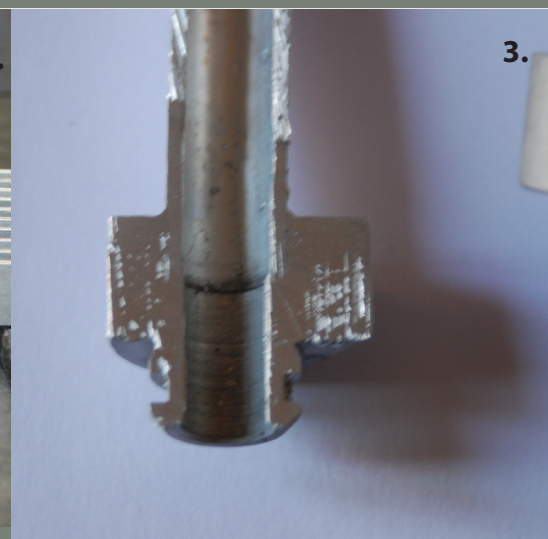
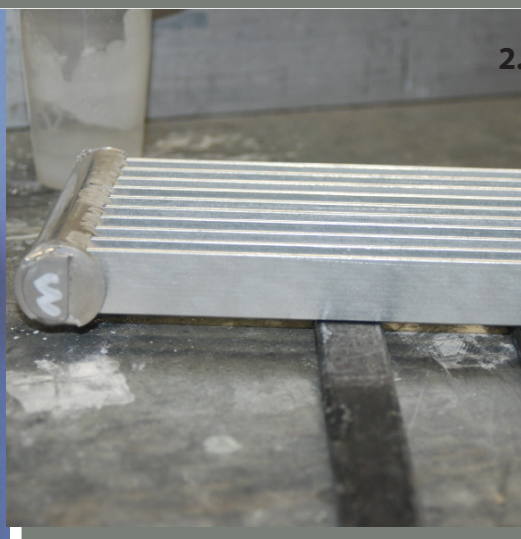
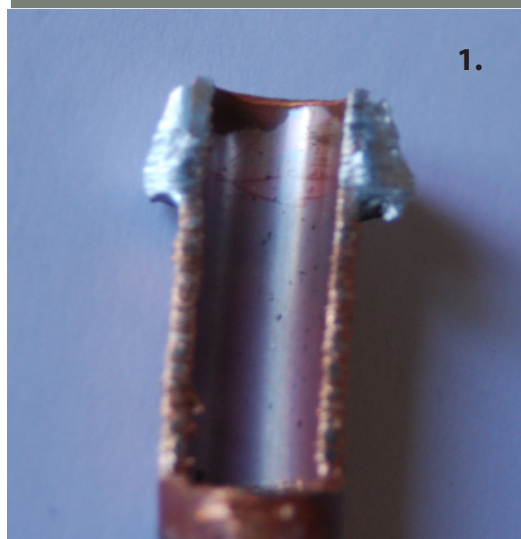
Industry: Automotive  
 Parts: 3000 Series Tube brazed to 6061 Al Block.



## **GALFLO™ Aluminium Brazing Paste**

Product	Alloy	Flux Type	Sol.	Liq.	Max Recommended Mg Content	Controlled Atmosphere Brazing
GalPaste AlSi12 PS	AlSi12	non-corrosive	582	588	,5	x
GalPaste AlSiCu	AlSiCu4	non-corrosive	530	535	,5	x

Examples below: 1. Copper-Aluminium Joint with GalFlo ZnAl22, 2. Results of new flux paint coating technology, 3. Cross section of AlMg joint brazed with GalFlux ALCOR PS.







# Global Distribution and Representation

## Global Distribution

Pietro Galliani Brazing S.p.A products are available in several countries around the world.

We are a global player with a local approach. We stock our products on virtually every continent and have local partners to help transfer our technology and to provide support to customers around the globe.

Take advantage of our global presence, by getting consistent service and quality in all of your factories.

Please, contact us for more information about our closest partner near you.

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