



# Brazing Alloys

- Bronze / silver / phosphorous cadmium-free brazing alloys
- High silver content brazing alloys
- High silver cadmium-free brazing alloys
- Flux



# Climalife Recommendations



% Ag	Diam. mm	Without cadmium		With cadmium	
		Bare	Coated	Bare	Coated
56	2	D 56 A			
55	2		D 55 AEF		
45	2			D 45	
40	2	D 40 A	D 40 AEF	D 40	D 40 E
35	2			D 35	D 35 E
34	2		D 34 AEF		
30	2			D 30	D 30 E
25	2		D 25 AEF		
15	2 and 3	DP 155			
6	2	DP 67 GDF			
5	2 and 3	DP 56			
2	2 and 3	DP 26			
0	2	DP 07			



## Metal combinations

	copper/copper	bronze/copper	bronze/bronze	steel/steel	steel/copper	steel/stainless steel	bronze/stainless steel
	small joint space	small joint space	small joint space	small joint space	small joint space	small joint space	small joint space
	small joint space	small joint space	small joint space	small joint space	small joint space	small joint space	small joint space
	small joint space	small joint space	small joint space	small joint space	small joint space	small joint space	small joint space
	average joint space	average joint space	average joint space	average joint space	average joint space		
	average joint space	average joint space	average joint space	average joint space	average joint space		
	average joint space	average joint space	average joint space	average joint space	average joint space		
	average joint space	average joint space	average joint space				
	important joint space	important joint space	important joint space				
	important joint space						
	important joint space	important joint space	important joint space				
	important joint space	important joint space	important joint space				
	important joint space	important joint space	important joint space				



contact with food



small joint space



average joint space



important joint space

# Brazing alloys

A range of brazing products for all metals



## Bronze / silver / phosphorous brazing alloys

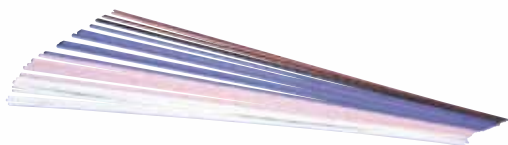
The advantages of this type of brazing alloy include: a lower fusion temperature than binary brazing alloys, increased fluidity, improved alloy conductivity and better joint resistance.



1007

## Brazing alloys with a high silver content

These have increased mechanical resistance with good elongation and allow metals with different expansion characteristics to be joined together.



## Bronze / silver / phosphorous brazing alloys without cadmium

Ref.	Products	% Ag	Diameter	Packaging	Comments
<b>• Bare brazing alloys</b>					
<b>1016</b>	Brazing alloy DP 155	15	2 mm	Package of 1 kg	
<b>1018</b>	Brazing alloy DP 155	15	2 mm	Package of 5 kg	
<b>1017</b>	Brazing alloy DP 155	15	3 mm	Package of 1 kg	
<b>1019</b>	Brazing alloy DP 155	15	3 mm	Package of 5 kg	
<b>5183</b>	Brazing alloy DP 67 GDF-ATG	6	2 mm	Package of 1 kg	Special Gaz de France applications.
<b>1007</b>	Brazing alloy DP 56	5	2 mm	Package of 1 kg	
<b>1010</b>	Brazing alloy DP 56	5	2 mm	Package of 5 kg	
<b>1009</b>	Brazing alloy DP 56	5	3 mm	Package of 1 kg	
<b>1011</b>	Brazing alloy DP 56	5	3 mm	Package of 5 kg	
<b>953</b>	Brazing alloy DP 26	2	2 mm	Package of 1 kg	
<b>956</b>	Brazing alloy DP 26	2	2 mm	Package of 5 kg	
<b>954</b>	Brazing alloy DP 26	2	3 mm	Package of 1 kg	
<b>957</b>	Brazing alloy DP 26	2	3 mm	Package of 5 kg	
<b>3676</b>	Brazing alloy DP 07	0	2 mm	Package of 1 kg	

## Brazing alloys with a high silver content

Ref.	Products	% Ag	Diameter	Packaging
<b>• Bare brazing alloys</b>				
<b>997</b>	Brazing alloy D 45	45	2 mm	Package of 1 kg
<b>986</b>	Brazing alloy D 40	40	2 mm	Package of 1 kg
<b>979</b>	Brazing alloy D 35	35	2 mm	Package of 1 kg
<b>961</b>	Brazing alloy D 30	30	2 mm	Package of 1 kg
<b>• Brazing alloys with a flexible coating</b>				
<b>990</b>	Brazing alloy D 40 E	40	2 mm	Package of 0,5 kg
<b>992</b>	Brazing alloy D 40 E	40	2 mm	Package of 2,5 kg
<b>980</b>	Brazing alloy D 35 E	35	2 mm	Package of 0,5 kg
<b>981</b>	Brazing alloy D 35 E	35	2 mm	Package of 2,5 kg
<b>968</b>	Brazing alloy D 30 E	30	2 mm	Package of 0,5 kg
<b>970</b>	Brazing alloy D 30 E	30	2 mm	Package of 2,5 kg



### Brazing alloys with a high silver content without cadmium

Ref.	Products	% Ag	Diameter	Packaging	Comments
<b>• Bare brazing alloy</b>					
5964	Brasure D 40 A	40	2 mm	Package of 1 kg	
7422	Brasure D 56 A	56	2 mm	Package of 1 kg	
<b>• Brazing alloy with a flexible coating</b>					
1001	Brazing alloy D 55 AEF	55	2 mm	Package of 0,5 kg	Very thin coating: 2.8 mm exterior diameter.
5886	Brazing alloy D 40 AEF	40	2 mm	Package of 0,5 kg	Very thin coating: 2.8 mm exterior diameter.
5948	Brazing alloy D 40 AEF	40	2 mm	Package of 2,5 kg	
5809	Brazing alloy D 34 AEF	34	2 mm	Package of 0,5 kg	Very thin coating: 2.8 mm exterior diameter.
5810	Brazing alloy D 34 AEF	34	2 mm	Package of 2,5 kg	
7296	Brazing alloy D 25 AEF	25	2 mm	Package of 0,5 kg	
<b>• Flux for brazing alloys with a high silver content</b>					
949	Flux DX powder			Jar of 130 gm	
7134	Flux gel special "Gaz de France"			Jar of 200 gm	For Gaz de France applications using brazing alloy DP 67 GDF-ATG.

See materials range for usage instructions.

**R** To safeguard the health of users, Climalife recommends brazing alloys which do not contain cadmium.



### Brazing alloys with a high silver content without cadmium

These are recommended for those cases where the working conditions are such that cadmium cannot be used (for hygiene or work safety reasons). They are particularly useful for materials which will be used in the food industry, where the use of cadmium is forbidden.



7134



949



7422