

24 October 2024  
Odense - Denmark

## RoHS - Certificate of Conformity

EU Directive 2002/95/EC (RoHS), 2011/65/EU (RoHS II) and 2015/863/EU (RoHS III)

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### What is RoHS?

RoHS is an EU directive to limit the use of harmful chemical components in products. RoHS is short for Restriction of Hazardous Substances.

RoHS specifies a list of substances and the maximum permitted concentration.

In relation to metals, the main substance of interest is lead, which is used in some copper alloys such as certain types of brass or bronze.

### RoHS exemptions

RoHS also specifies a list of exemptions. These are substances that can be harmful but are temporarily allowed in RoHS-compliant products.

A list of current exemptions can be found here:

[https://environment.ec.europa.eu/topics/waste-and-recycling/rohs-directive/implementation-rohs-directive\\_en](https://environment.ec.europa.eu/topics/waste-and-recycling/rohs-directive/implementation-rohs-directive_en)

### RoHS in relation to Alcobra GmbH

Most articles supplied by the Alcobra GmbH are RoHS compliant and can be used for RoHS compliant end products.

On the following pages, you will find a list of alloys that are either compliant or not compliant with RoHS. The lists are not exhaustive.

Please do not hesitate to contact us if you need any additional clarification.

Best regards,



Christian Skjold Højgaard  
Quality Engineer

## Aluminium

### RoHS compliant alloys

AW-1XXX	AW-2XXX	AW-3XXX	AW-4XXX	AW-5XXX	AW-6XXX	AW-7XXX	AW-8XXX
AW-1050A	AW-2014	AW-3003	AW-4017	AW-5005	AW-6005	AW-7020	AW-8006
AW-1060	AW-2017A	AW-3004	AW-4115	AW-5010	AW-6026LF	AW-7022	AW-8011
AW-1070A	AW-2024	AW-3005		AW-5018	AW-6060	AW-7075	
AW-1085		AW-3103		AW-5019	AW-6061	HOKOTOL	
AW-1200		AW-3105		AW-5052	AW-6063		
AW-1350A				AW-5083	AW-6073		
AW-1370				AW-5086	AW-6082		
				AW-5186	AW-6101A		
				AW-5454	AW-6101B		
				AW-5456	AW-6262R		
				AW-5754			

### RoHS compliant under exemption Annex III n. 6(b)

AW-1XXX	AW-2XXX	AW-3XXX	AW-4XXX	AW-5XXX	AW-6XXX	AW-7XXX	AW-8XXX
					AW-6026		

### Non-complaint alloys

AW-1XXX	AW-2XXX	AW-3XXX	AW-4XXX	AW-5XXX	AW-6XXX	AW-7XXX	AW-8XXX
	AW-2007				AW-6012		
	AW-2011				AW-6262		

The list are not exhaustive.

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## Copper and copper alloys

### RoHS compliant alloys

Copper	Bronze	Copper-nickel	Nickel-silver	Brass	AMPCO
CW004A	CW305G	CW352H	CW403J	CW501L	AMPCO 8
CW005A	CW306G	CW354H	CW409J	CW502L	AMPCO 18
CW008A	CW307G			CW503L	AMPCO 21
CW009A	CC333G			CW504L	AMPCO 22
CW020A	CW452K			CW505L	AMPCO 25
CW021A	CW453K			CW506L	AMPCO 45
CW024A	CW454K			CW507L	AMPCO M4
CW101C	CW459K			CW508L	AMPCOLOY 83
CW104C				CW724R	AMPCOLOY 88
CW106C					AMPCOLOY 940
CW107C					AMPCOLOY 944
CW111C					AMPCOLOY 972
CW117C					
CW118C					

### RoHS compliant under exemption Annex III n. 6(c)

Copper	Bronze	Copper-nickel	Nickel-silver	Brass	AMPCO
	CC480K		CW400J	CW511L*	
	CC481K		CW406J	CW602N	
	CC483K		CW407J	CW603N	
	CC499K			CW607N	
				CW608N	
				CW612N	
				CW614N	
				CW617N	
				CW618N	
				CW620N	
				CW625N	
				CW626N	
				CW710R	
				CW713R	
				CW721R	
				CC762S	
				CC772S	

\*CW511L is available in a fully RoHS compliant variety upon request.

### Non-compliant alloys

Copper	Bronze	Copper-nickel	Nickel-silver	Brass	AMPCO
	CC491K				
	CC493K				
	CC495K				
	CC496K				

The list are not exhaustive.

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## **Stainless steel**

All stainless steel alloys sold by Alcobra GmbH are RoHS compliant.

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