

6 January 2025
Odense - Denmark

RoHS - Certificate of Conformity

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

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


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-6262A | | |
| | | | | AW-5754 | AW-6262R | | |

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.

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

Stainless steel

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

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