



Product certificate K104166/01

Issued 2020-02-01

Replaces

Page 1 of 2

Copper Tubes

STATEMENT BY KIWA

With this product certificate, issued in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the products supplied by

Serravalle Copper Tubes S.r.l.

as specified in this product certificate and marked with the Kiwa®-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with Kiwa evaluation guideline BRL-K760 "Kiwa product certificate for copper tubes" dated 01-12-2018.

Ronald Karel
Kiwa

Publication of this certificate is allowed.

Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.

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Certification process
consists of initial and
regular assessment of:

- quality system
- product

Copper Tubes

Technical specification

The products mentioned below belong to this technical approval-with-product certificate

Copper tubes according guideline BRL-K760 "Copper Tubes" which includes EN 1057 "Copper and copper alloys"

Annealed (R220)	Hard (R290)
6x1 mm	28x1.2
8x1 mm	35x1.5
10x1 mm	42x1.5
12x1 mm	54x1.5
15x1 mm	
18x1 mm	
22x1 mm	
22x1,1 mm	

Application and use

The products are mend to be used for domestic networks for hot and cold water.

Marking

The Kiwa®-mark products are marked with the word mark "KIWA"

Place of the mark: on each 50 cm on the outside of the tube.

Compulsory specifications:

- Dimensions of the tube
- Production period
- SCT – EN1057 (Od x WT) (hardness / marking) KIWA KK (quarter/year)

RECOMMENDATIONS FOR CUSTOMERS

Check at the time of delivery whether:

- the supplier has delivered in accordance with the agreement;
- the mark and the marking method are correct;
- the products show no visible defects as a result of transport etc.

If you should reject a product on the basis of the above, please contact:

- Serravalle Copper Tubes S.r.l.

and, if necessary,

- Kiwa Nederland B.V.

Consult the supplier's processing guidelines for the proper storage and transport methods.

Appendix hygienic aspects to certificate K104166 for 'copper pipes'

Commencing date: February 1, 2020

Product specification

This appendix is only related to 'copper pipes' supplied by Serravalle Copper Tubes s.r.l.

Composition

The 'copper pipes' are approved with the following composition:

Part	Material	Remarks
Body	Cu-DHP (CW024A)	This material has to meet the requirements of the Composition List. In the table below, the accepted Cu-DHP composition is given for reference.

Composition of the accepted Cu-DHP

Constituent components	Content (% (m/m))	Impurities	Maximum content (% (m/m))
Copper	≥ 99.9	Total	≤ 0.1
Phosphorus	0.015 - 0.04	Each individual	< 0.02

Above mentioned composition as well as the mentioned recipes of the raw materials/additives are not to be changed without prior approval according to the Kiwa approval procedure for hygienic aspects. Serravalle Copper Tubes s.r.l. is always responsible for an advance notification of changes in the composition and/or in the recipe of mentioned raw materials/additives.

Criteria/requirements for the product

The criteria and requirements according to the 'Regeling materialen en chemicaliën drink- en warm tapwatervoorziening' ('Materials and chemicals in the supply of drinking water and warm tap water Regulation'; published in the Government Gazette) apply to these products.

The following requirements apply:

- The amount of carbon on the inner surface of copper tubes is limited according to NEN-EN 1057:2006+A1 and NEN-EN 1254:1998. For tubes with an external diameter greater than 54 mm manufactured from hard material (R290 according to EN 1173:2008) the maximum is 1.0 mg/dm². For other tubes the maximum is 0.2 mg/dm². The amount of carbon shall be measured according to the 'Total carbon' method described in NEN-EN 723:2009.

For 'copper pipes' no migration requirements are relevant.

The present appendix replaces previous versions, if any.

Drawn up in duplicate and signed,

Rijswijk, February 1, 2020

Kiwa Nederland B.V.



drs. D.F. van den Berg,
Manager Product group Hygienic Aspects

Serravalle Scrivia AL, Italy,

Serravalle Copper Tubes s.r.l.



Mrs. M. Carlone
Quality Manager