

# Copper tubes for water supply installations

Holder/Issued to

## HALCOR COPPER TUBES DIVISION OF ELVALHALCOR S.A.

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### Product description

Halcor copper tubes are manufactured according to standard SS-EN 1057.

Copper tubes with temper R290 (hard) are available in following dimensions:

(8×0.8, 8×1, 10×0.8, 10×1, 12×1, 15×1, 15×1.2, 18×1, 22×1, 22×1.5, 28×1.2, 28×1.5, 35×1.5, 42×1.5, 42×2, 54×1.5, 54×2, 70×2, 76.1×2, 88.9×2 och 108×2)mm.

Copper tubes with temper R250 (half hard) are available in dimension 15×1mm.

### Intended use

The copper tubes are intended to be used in tap water installations where the quality of the water is equivalent to tap water from municipal water treatment works and with water velocities not causing corrosion.

### Trade name

Talos copper tubes.

### Approval

The products satisfy the requirements set forth in chapter 8, 4 § 3PBL, in respect to and under conditions stated in this certificate, and are therefore approved in accordance with the provisions of the following sections of Boverket Building Regulations (BBR):

Installations for tap water\*

6:62, 1<sup>st</sup> sentence and 2<sup>nd</sup> paragraph and general recommendation

Design

6:625, 1<sup>st</sup> and 4<sup>th</sup> paragraph

\* The products comply with Boverkets (the National Board of Housing, Building and Planning) updated requirements for drinking water, described in BBR 21, 2014-06-17.

### Associated documents

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### Control

The factory production control (FPC) is monitored by an independent inspection body.

Control agreement: VTT-A-00085-16, Inspection body: VTT.

When the building proprietor performs inspection at the building site, he shall check the markings to ensure that the correct products have been supplied and that they are used in accordance with the requirements stated in the approval. He must also check that the product is accompanied by a manufacturing assurance, which certifies that the product has been manufactured in accordance with the documents on which this approval is based.

Type approval SC1074-11| 2018-06-04

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### Manufacturing place

Production control includes the following place:


HALCOR COPPER TUBES DIVISION OF ELVALHALCOR S.A., 62<sup>nd</sup> National Rd Athens-Lamia, Inofyta Viotias, Greece.

### Marking

The products are to be marked at the factory. The marking consists of a label on every packing and text on tubes supplied and includes:


Packing are marked with:

Approval holder  
Trade name  
Boverket's registered trademark  
Certification body and accreditation number  
Approval number  
Dimension  
Inspection body

HALCOR  
Talos  
  
SP Certifying 1002  
SC1074-11  
Dy x T  
VTT

Tubes are marked with:

Trade name  
Boverket's registered trademark  
Approval number  
Actual standard  
Dimension  
Consecutive manufacture date of production

Talos  
  
SC1074-11  
EN1057  
Dy x T  
date

### Basis for judgement/approval

Report 488547 and 10909 from Swerea KIMAB.

Report VTT-Q-00004-03-18 and VTT-S-01047-18 from VTT.

### Comments

Those tubes are approved according to NKB 11 "Copper tubes for tap water installations", dated October 1989, adding that the stringent requirement of carbon quantity after combustion analysis according to SS-EN 1057:2006, section 7.5, have been met.

This approval supersedes the previous approval with the same number dated 2017-02-13.

### Validity

Valid through 2022-02-12.

The validity of this approval expires when the characteristics included in this approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.

Johan Åkesson

Stefan Coric