

BS EN 12450:2012



BSI Standards Publication

Copper and copper alloys — Seamless, round copper capillary tubes

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National foreword

This British Standard is the UK implementation of EN 12450:2012. It supersedes BS EN 12450:1999 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee NFE/34/1, Wrought and unwrought copper and copper alloys.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Amendments issued since publication

Date	Text affected
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EUROPEAN STANDARD
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EN 12450

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Supersedes EN 12450:1999

English Version

Copper and copper alloys - Seamless, round copper capillary tubes

Cuivre et alliages de cuivre - Tuyaux circulaires en cuivre,
de faible diamètre, sans soudure

Kupfer und Kupferlegierungen - Nahtlose, runde
Kapillarrohre aus Kupfer

This European Standard was approved by CEN on 6 October 2012.

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Foreword

This document (EN 12450:2012) has been prepared by Technical Committee CEN/TC 133 "Copper and copper alloys", the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2013, and conflicting national standards shall be withdrawn at the latest by May 2013.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 12450:1999.

In comparison with EN 12450:1999, the following significant technical changes were made:

- a) 6.6 "Surface quality", has been modified;
- b) In 8.5 "Cleanliness test" the text regarding the determination of lubricant residue as described in EN 723 has been added.

This is one of a series of European Standards for copper and copper alloy tubes. Other products are, or will be, specified as follows:

- EN 1057, *Copper and copper alloys — Seamless, round copper tubes for water and gas in sanitary and heating applications*
- EN 12449, *Copper and copper alloys — Seamless, round tubes for general purposes*
- EN 12451, *Copper and copper alloys — Seamless, round tubes for heat exchangers*
- EN 12452, *Copper and copper alloys — Rolled, finned, seamless tubes for heat exchangers*
- EN 12735-1, *Copper and copper alloys — Seamless, round copper tubes for air conditioning and refrigeration — Part 1: Tubes for piping systems*
- EN 12735-2, *Copper and copper alloys — Seamless, round copper tubes for air conditioning and refrigeration — Part 2: Tubes for equipment*
- EN 13348, *Copper and copper alloys — Seamless, round copper tubes for medical gases or vacuum*
- EN 13349, *Copper and copper alloys — Pre-insulated copper tubes with solid covering*
- EN 13600, *Copper and copper alloys — Seamless copper tubes for electrical purposes*

Within its programme of work, Technical Committee CEN/TC 133 requested CEN/TC 133/WG 3 "Copper tubes (installation and industrial)" to revise the following standard:

- EN 12450:1999, *Copper and copper alloys — Seamless, round copper capillary tubes.*

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