Lead and lead alloys - Lead and lead alloy sheaths and sleeves of electric cables

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 50307:2003 sisaldab Euroopa standardi EN 50307:2002 ingliskeelset teksti. Käesolev dokument on jõustatud 08.05.2003 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 50307:2003 consists of the English text of the European standard EN 50307:2002. This document is endorsed on 08.05.2003 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.

Käsitlusala: This European Standard specifies the designations, chemical compositions and other requirements for lead and lead alloy electric cable sheaths and sleeves.	**Scope:** This European Standard specifies the designations, chemical compositions and other requirements for lead and lead alloy electric cable sheaths and sleeves.

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Võtmesõnad:

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English version

Lead and lead alloys – Lead and lead alloy sheaths and sleeves of electric cables

Plomb et alliages de plomb – Gaines et manchons en plomb et alliage de plomb des câbles électriques

Blei und Bleilegierungen – Mäntel und Metallgehäuse von Kabeln aus Blei und Bleilegierungen

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

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Foreword

This European Standard was prepared by the Technical Committee CENELEC TC 20, Electric cables.

The text of the draft was submitted to the formal vote and was approved by CENELEC as EN 50307 on 2002-10-01.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2003-10-01

- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2005-10-01

Users of this European Standard should note that it covers the chemical composition of lead and lead alloy cable sheaths or sleeves after application or forming. CEN has issued a European Standard (EN 12548) to cover lead and lead alloy ingots for use in the manufacture of cable sheaths or sleeves. The compositional requirements therein apply to the material prior to manufacture of the cable sheaths or sleeves and melting loss of some of the alloying elements may occur during processing.

Annexes designated "normative" are part of the body of the standard.
Annexes designated "informative" are given for information only.
In this standard, Annex A and Annex B are informative.

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1 Scope

This European Standard specifies the designations, chemical compositions and other requirements for lead and lead alloy electric cable sheaths and sleeves.

2 Normative references

This European Standard incorporates by dated and undated references, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this CENELEC Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 12548 Lead and lead alloys - Lead alloy ingots for electric cable sheathing and for sleeves

3 Definitions

For the purpose of this standard the following definitions apply.

3.1
electric cable sheath
uniform and continuous tubular metallic covering, generally extruded and generally of a circular cross section, encasing one or more insulated electrical conductors in order to contain an impregnant if present, mechanically protect the insulation, to prevent the ingress of moisture and to act as an electrical screen

3.2
sleeve
short length of sheath which may be used in the jointing of some types of electric cables

4 Designation

Lead and lead alloys to this standard are designated by an alphanumeric system, see Table 1.

The first letter P signifies lead and lead alloys, the second letter K signifies cables. The three numbers indicate a specific and unique composition for cable sheaths and sleeves, the third letter S signifies sheath (or sleeve).

5 Ordering information for sheaths and sleeves

In order to facilitate the enquiry, order and confirmation of order procedures between the purchaser and supplier for the supply of lead and lead alloy cable sheaths or sleeves, the purchaser shall state on the enquiry and order the following information:

a) the denomination (e.g. sheath or sleeves);
b) the number of this European Standard;
c) the material designation (see Table 1);