

Specifications for particular types of winding wires -
Part 25: Polyester or polyesterimide overcoated with
polyamide-imide enamelled round aluminium wire,
class 200

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 60317-25:2020 sisaldab Euroopa standardi EN IEC 60317-25:2020 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 60317-25:2020 consists of the English text of the European standard EN IEC 60317-25:2020.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
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English Version

Specifications for particular types of winding wires - Part 25:
Polyester or polyesterimide overcoated with polyamide-imide
enamelled round aluminium wire, class 200
(IEC 60317-25:2020)

Spécifications pour types particuliers de fils de bobinage -
Partie 25: Fil de section circulaire en aluminium émaillé
revêtu de polyester ou de polyesterimide avec du
polyamide-imide, de classe 200
(IEC 60317-25:2020)

Technische Lieferbedingungen für bestimmte Typen von
Wickeldrähten - Teil 25: Runddrähte aus Aluminium,
lackisoliert mit Polyester oder Polyesterimid und darüber mit
Polyamidimid, Klasse 200
(IEC 60317-25:2020)

This European Standard was approved by CENELEC on 2020-07-14. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 55/1840/FDIS, future edition 4 of IEC 60317-25, prepared by IEC/TC 55 "Winding wires" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60317-25:2020.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2021-04-14
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-07-14

This document supersedes EN 60317-25:2010 and all of its amendments and corrigenda (if any).

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60264 (series)	NOTE	Harmonized as EN 60264 (series)
IEC 60317 (series)	NOTE	Harmonized as EN 60317 (series)
IEC 60851 (series)	NOTE	Harmonized as EN 60851 (series)

Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60317-0-3	2008	Specifications for particular types of winding wires - Part 0-3: General requirements - Enamelled round aluminium wire	EN 60317-0-3	2008
+ A1	2013		+ A1	2013
+ A2	2019		+ A2	2019

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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round aluminium wire, class 200**

**Spécifications pour types particuliers de fils de bobinage –
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de polyesterimide avec du polyamide-imide, de classe 200**



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SPECIFICATIONS FOR PARTICULAR TYPES OF WINDING WIRES –**Part 25: Polyester or polyesterimide overcoated with polyamide-imide
enamelled round aluminium wire, class 200**

FOREWORD

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International Standard IEC 60317-25 has been prepared by IEC technical committee 55: Winding wires.

This fourth edition cancels and replaces the third edition published in 2010. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) new 3.2.2 containing general notes on winding wire, formerly a part of the Scope;
- b) revision to Clause 11 to take into account intermediate nominal conductor diameters;
- c) revision to Clause 7 to indicate that the springiness test is inappropriate.
- d) revision to Clause 16 to specify only the percentage of extractable matter and the minimum retained dielectric breakdown voltage.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
55/1840/FDIS	55/1857/RVD

Full information on the voting for the approval of this document can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

This International Standard is to be used in conjunction with IEC 60317-0-3:2008, Amendment 1:2013 and Amendment 2:2019.

A list of all parts in the IEC 60317 series, published under the general title *Specifications for particular types of winding wires*, can be found on the IEC website.

The numbering of clauses in this standard is not continuous from Clauses 21 through 30 in order to reserve space for possible future wire requirements prior to those for wire packaging.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

INTRODUCTION

This Part of IEC 60317 forms an element of a series of standards which deals with insulated wires used for windings in electrical equipment. It is composed of the following series:

- 1) *Winding wires – Test methods* (IEC 60851 series);
- 2) *Specifications for particular types of winding wires* (IEC 60317 series);
- 3) *Packaging of winding wires* (IEC 60264 series).