

Specifications for particular types of winding wires -
Part 61: Polyester glass-fibre wound, resin or varnish
impregnated, bare or enamelled rectangular copper
wire, temperature index 180

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 60317-61:2020 sisaldab Euroopa standardi EN IEC 60317-61:2020 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 60317-61:2020 consists of the English text of the European standard EN IEC 60317-61:2020.
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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ICS 29.060.10

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English Version

Specifications for particular types of winding wires - Part 61:
Polyester glass-fibre wound, resin or varnish impregnated, bare
or enamelled rectangular copper wire, temperature index 180
(IEC 60317-61:2020)

Spécifications pour types particuliers de fils de bobinage -
Partie 61: Fil de section rectangulaire en cuivre nu ou
émailé, guipé de fibres de verre polyester imprégnées de
résine ou de vernis, d'indice de température 180
(IEC 60317-61:2020)

Technische Lieferbedingungen für bestimmte Typen von
Wickeldrähten - Teil 61: Flachdrähte aus Kupfer, blank oder
lackisoliert und umhüllt mit Polyester Glasgewebe,
imprägniert mit Harz oder Lack oder unimprägniert,
Temperaturindex 180
(IEC 60317-61:2020)

This European Standard was approved by CENELEC on 2020-06-12. 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 55/1771/CDV, future edition 2 of IEC 60317-61, prepared by IEC/TC 55 "Winding wires" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60317-61:2020.

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) 2021-03-12
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-06-12

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The text of the International Standard IEC 60317-61:2020 was approved by CENELEC as a European Standard without any modification.

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 60317-0-8	2019	Specifications for particular types of winding wires - Part 0-8: General requirements - Polyester glass-fibre wound unvarnished and fused, or resin or varnish impregnated, bare or enamelled rectangular copper wire	EN IEC 60317-0-8	2019

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Specifications for particular types of winding wires –
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de verre polyester imprégnées de résine ou de vernis, d'indice
de température 180**



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SPECIFICATIONS FOR PARTICULAR TYPES OF WINDING WIRES –**Part 61: Polyester glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 180**

FOREWORD

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International Standard IEC 60317-61 has been prepared by IEC technical committee 55: Winding wires.

This second edition cancels and replaces the first edition published in 2012. This edition constitutes a technical revision.

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

- a) revision of the title of the standard;
- b) revision to Clause 1, Scope;
- c) revision to the descriptions of grades of thickness of polyester glass-fibre coverings in 3.2.2.

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

CDV	Report on voting
55/1771/CDV	55/1819/RVC

Full information on the voting for the approval of this International Standard 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 the IEC 60317-0-8:2019.

A list of all the 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 20 and 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).