

STN	Špecifikácie jednotlivých typov vodičov na vinutia Časť 60-2: Medený vodič pravouhlého prierezu, holý alebo lakovaný, ovinutý kombináciou polyesterových a sklenených vlákien a impregnovaný živicom alebo lakom, teplotný index 155	STN EN IEC 60317-60-2 34 7307
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Specifications for particular types of winding wires - Part 60-2: Polyester glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 155

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 10/20

Táto norma čiastočne nahrádza normu STN EN 60317-60 z decembra 2012. Súbežná platnosť do 27. 7. 2023.

Obsahuje: EN IEC 60317-60-2: 2020, IEC 60317-60-2: 2020

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EUROPEAN STANDARD

EN IEC 60317-60-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2020

ICS 29.060.10

Supersedes EN 60317-60:2012 (partially) and all of its amendments and corrigenda (if any)

English Version

**Specifications for particular types of winding wires - Part 60-2:
Polyester glass-fibre wound, resin or varnish impregnated, bare
or enamelled rectangular copper wire, temperature index 155
(IEC 60317-60-2:2020)**

Spécifications pour types particuliers de fils de bobinage -
Partie 60-2: Fil de section rectangulaire en cuivre nu ou
émaillé, guipé de fibres de verre polyester imprégnées de
résine ou de vernis, d'indice de température 155
(IEC 60317-60-2:2020)

Technische Lieferbedingungen für bestimmte Typen von
Wickeldrähten - Teil 60-2: Flachdrähte aus Kupfer, mit
Polyesterglasfasern umspinnen, imprägniert mit Harz oder
Lack, blank oder lackisoliert, Temperaturindex 155
(IEC 60317-60-2:2020)

This European Standard was approved by CENELEC on 2020-07-27. 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

EN IEC 60317-60-2:2020 (E)**European foreword**

The text of document 55/1844/FDIS, future edition 1 of IEC 60317-60-2, prepared by IEC/TC 55 "Winding wires" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60317-60-2:2020.

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) 2021-04-27
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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 60317-0-8	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



IEC 60317-60-2

Edition 1.0 2020-06

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Specifications for particular types of winding wires –
Part 60-2: Polyester glass-fibre wound, resin or varnish impregnated, bare or
enamelled rectangular copper wire, temperature index 155**

**Spécifications pour types particuliers de fils de bobinage –
Partie 60-2: Fil de section rectangulaire en cuivre nu ou émaillé, guipé de fibres
de verre polyester imprégnées de résine ou de vernis, d'indice de température
155**

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IEC 60317-60-2

Edition 1.0 2020-06

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SPECIFICATIONS FOR PARTICULAR TYPES OF WINDING WIRES –**Part 60-2: Polyester glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 155**

FOREWORD

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International Standard IEC 60317-60-2 has been prepared by IEC technical committee 55: Winding wires.

IEC 60317-60-2 and IEC 60317-60-1 cancel and replace IEC 60317-60 published in 2012. This document constitutes a technical revision.

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

FDIS	Report on voting
55/1844/FDIS	55/1860/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 the IEC 60317-0-8:2019.

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 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).

SPECIFICATIONS FOR PARTICULAR TYPES OF WINDING WIRES –

Part 60-2: Polyester glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 155

1 Scope

This part of IEC 60317 specifies the requirements of polyester glass-fibre wound, resin or varnish impregnated, bare or grade 1 or grade 2 enamelled rectangular copper winding wires, temperature index 155. The impregnating agent can be, for instance, epoxy, polyester, or polyesterimide resin based.

The range of nominal conductor dimensions covered by this document is:

- width: min. 2,0 mm max. 16,0 mm;
- thickness: min. 0,80 mm max. 5,60 mm.

NOTE For this type of wire, the heat shock test is inappropriate and therefore a heat shock temperature cannot be established. Consequently, a class based on the requirements for temperature index and heat shock temperature cannot be specified.

2 Normative references

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.

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*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN