

<b>STN</b>	<b>Špecifikácie jednotlivých typov vodičov na vinutia Časť 72: Medený vodič kruhového prierezu, holý alebo lakovaný, ovinutý polyesterovým skleným vláknom, zatavený, impregnovaný silikónovou živickou alebo lakom, teplotný index 200</b>	<b>STN EN 60317-72</b>  34 7307
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Specifications for particular types of winding wires - Part 72: Polyester glass-fibre wound fused, silicone resin or varnish impregnated, bare or enamelled round copper wire, temperature index 200

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. 01/18

Obsahuje: EN 60317-72:2017, IEC 60317-72:2017

**125865**

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Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2018  
Podľa zákona č. 264/1999 Z. z. o technických požiadavkách na výrobky a o posudzovaní zhody a o zmene a doplnení niektorých zákonov v znení neskorších predpisov sa slovenská technická norma a časti slovenskej technickej normy môžu rozmnožovať alebo rozširovať len so súhlasom slovenského národného normalizačného orgánu.

EUROPEAN STANDARD

**EN 60317-72**

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2017

ICS 29.060.10

English Version

Specifications for particular types of winding wires -  
Part 72: Polyester glass-fibre wound fused, silicone resin or  
varnish impregnated, bare or enamelled round copper wire,  
temperature index 200  
(IEC 60317-72:2017)

Spécifications pour types particuliers de fils de bobinage -  
Partie 72: Fil de section circulaire en cuivre nu ou émaillé,  
guipé de fibres de verre polyester fondues, imprégnées de  
vernis ou de résine silicone, d'indice de température 200  
(IEC 60317-72:2017)

Technische Lieferbedingungen für bestimmte Typen von  
Wickeldrähten - Teil 72: Mit Polyesterglasfaser umwickelter,  
unbehandelter und eingegossener, mit Harz oder Lack  
imprägnierter blanker oder lackisolierter Runddraht aus  
Kupfer der Klasse 200  
(IEC 60317-72:2017)

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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

## European foreword

The text of document 55/1604/FDIS, future edition 1 of IEC 60317-72, prepared by IEC/TC 55 "Winding wires" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60317-72:2017.

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) 2018-03-13
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-06-13

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The text of the International Standard IEC 60317-72:2017 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	NOTE	Harmonized in EN 60264 series.
IEC 60317	NOTE	Harmonized in EN 60317 series.
IEC 60851	NOTE	Harmonized in 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 When 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](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60317-0-10	2017	Specifications for particular types of winding wires - Part 0-10: General requirements - Polyester glass-fibre wound fused, unvarnished, or resin or varnish impregnated, bare or enamelled round copper wire	EN 60317-0-10	2017



# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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de température 200**



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Edition 1.0 2017-05

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de température 200**

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## CONTENTS

FOREWORD.....	3
INTRODUCTION.....	5
1 Scope.....	6
2 Normative references .....	6
3 Terms, definitions, general notes and appearance.....	6
3.1 Terms and definitions.....	6
3.2 General notes .....	6
3.2.1 Methods of test.....	6
3.2.2 Winding wire.....	6
3.3 Appearance .....	7
4 Dimensions.....	7
5 Electrical resistance .....	7
6 Elongation .....	7
7 Springiness .....	7
8 Flexibility and adherence.....	7
9 Heat shock .....	7
10 Cut-through .....	7
11 Resistance to abrasion .....	8
12 Resistance to solvents.....	8
13 Breakdown voltage .....	8
14 Continuity of insulation .....	8
15 Temperature index .....	8
16 Resistance to refrigerants.....	8
17 Solderability .....	8
18 Heat or solvent bonding.....	8
19 Dielectric dissipation factor.....	8
20 Resistance to transformer oil .....	8
21 Loss of mass .....	8
23 Pin hole test .....	8
30 Packaging .....	9
Bibliography.....	10



## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## SPECIFICATIONS FOR PARTICULAR TYPES OF WINDING WIRES –

**Part 72: Polyester glass-fibre wound fused, silicone resin or varnish impregnated, bare or enamelled round copper wire, temperature index 200**

## FOREWORD

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International Standard IEC 60317-72 has been prepared by IEC technical committee 55: Winding wires.

The text of this standard is based on the following documents:

FDIS	Report on voting
55/1604/FDIS	55/1611/RVD

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.

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. The series has three groups describing:

- 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 72: Polyester glass-fibre wound fused, silicone resin or varnish impregnated, bare or enamelled round copper wire, temperature index 200**

#### **1 Scope**

This part of IEC 60317 specifies requirements of polyester glass-fibre wound fused, silicone resin or varnish impregnated bare, grade 1 or grade 2 enamelled round copper winding wire, temperature index 200. The impregnating agent is a silicone containing resin or varnish.

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 60317-0-10:2017, *Specifications for particular types of winding wires – Part 0-10: General requirements – Polyester glass-fibre wound fused, unvarnished, or resin or varnish impregnated, bare or enamelled round copper wire*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**