

---

**Gibke izolacijske cevi - 3. del: Specifikacije za posamezne vrste cevi - 271. list:  
Toplotno skrčljive elastomerne cevi, ognjevarne, odporne proti tekočinam,  
razmerje krčenja 2:1**

Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet  
271: Heat-shrinkable elastomer sleeveings, flame retarded, fluid resistant, shrink ratio 2:1

Isolierschläuche - Teil 3: Anforderungen für einzelne Schlauchtypen - Blatt 271:  
Wärmeschrumpfende Elastomerschläuche, flammwidrig, flüssigkeitsbeständig,  
Schrumpfverhältnis 2:1

Gaines isolantes souples - Partie 3: Specifications pour types particuliers de gaines -  
Feuille 271: Gaines thermorétractables en élastomère, retardées à la flamme, résistant  
aux fluides, rapport de rétreint 2:1

**Ta slovenski standard je istoveten z: EN 60684-3-271:2011**

---

**ICS:**

29.035.20      Plastični in gumeni izolacijski materiali      Plastics and rubber insulating materials

**SIST EN 60684-3-271:2011**

**en**

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN 60684-3-271:2011](#)

<https://standards.iteh.ai/catalog/standards/sist/1923fe53-5703-47e8-830c-a54bcbe7384a/sist-en-60684-3-271-2011>

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60684-3-271**

August 2011

ICS 29.035.20

Supersedes EN 60684-3-271:2004

English version

**Flexible insulating sleeving -  
Part 3: Specifications for individual types of sleeving -  
Sheet 271: Heat-shrinkable elastomer sleeveings, flame retarded, fluid  
resistant, shrink ratio 2:1  
(IEC 60684-3-271:2011)**

Gaines isolantes souples -  
Partie 3: Spécifications pour types  
particuliers de gaines -  
Feuille 271: Gaines thermorétractables en  
élastomère, retardées à la flamme,  
résistant aux fluides, rapport de rétreint  
2:1  
(CEI 60684-3-271:2011)

Isolierschläuche -  
Teil 3: Anforderungen für einzelne  
Schlauchtypen -  
Blatt 271: Wärmeschrumpfende  
Elastomerschläuche, flammwidrig,  
flüssigkeitsbeständig, Schrumpfverhältnis  
2:1  
(IEC 60684-3-271:2011)

<https://standards.iteh.ai/catalog/standards/sist/1923fe53-5703-47e8-830c-a54bcbe7384a/sist-en-60684-3-271-2011>

This European Standard was approved by CENELEC on 2011-07-26. 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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

**CENELEC**

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

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

## Foreword

The text of document (15/627/FDIS), future edition 3 of IEC 60684-3-271, prepared by IEC TC 15, Solid electrical insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60684-3-271 on 2011-07-26.

This European Standard supersedes EN 60684-3-271:2004.

EN 60684-3-271:2011 includes the following significant technical change from EN 60684-3-271:2004: the addition of a type of sleeving suitable for use at temperatures up to 150 °C.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN and CENELEC shall not be held responsible for identifying any or all such patent rights.

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) | 2012-04-26 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn   | (dow) | 2014-07-26 |

Annex ZA has been added by CENELEC.

**iTeh STANDARD PREVIEW**  
(standards.iteh.ai)  
**Endorsement notice**

The text of the International Standard IEC 60684-3-271:2011 was approved by CENELEC as a European Standard without any modification.  
<http://www.iteh.ai/catalog/standards/sist/1923fe53-5703-47e8-830c-a54bcbe7384a/sist-en-60684-3-271-2011>

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60684-1	2003	Flexible insulating sleeving - Part 1: Definitions and general requirements	EN 60684-1	2003
IEC 60684-2 + corr. December	1997 1997	Flexible insulating sleeving - Part 2: Methods of test	EN 60684-2	1997
IEC 60757	1983	Code for designation of colours	HD 457 S1	1985
ISO 846	1997	Plastics - Evaluation of the action of microorganisms	EN ISO 846	1997
ISO 1817	2005	Rubber, vulcanized - Determination of the effect of liquids	-	-

[SIST EN 60684-3-271:2011](https://standards.iteh.ai/catalog/standards/sist/1923fe53-5703-47e8-830c-a54bcbe7384a/sist-en-60684-3-271-2011)

<https://standards.iteh.ai/catalog/standards/sist/1923fe53-5703-47e8-830c-a54bcbe7384a/sist-en-60684-3-271-2011>

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN 60684-3-271:2011](#)

<https://standards.iteh.ai/catalog/standards/sist/1923fe53-5703-47e8-830c-a54bcbe7384a/sist-en-60684-3-271-2011>



IEC 60684-3-271

Edition 3.0 2011-06

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Flexible insulating sleeving –  
Part 3: Specifications for individual types of sleeving – Sheet 271: Heat-  
shrinkable elastomer sleeveings, flame retarded, fluid resistant, shrink ratio 2:1**

**Gaines isolantes souples –  
Partie 3: Spécifications pour types particuliers de gaines – Feuille 271: Gaines  
thermorétractables en élastomère, retardées à la flamme, résistant aux fluides,  
rapport de rétreint 2:1**

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

COMMISSION  
ELECTROTECHNIQUE  
INTERNATIONALE

PRICE CODE  
CODE PRIX

**M**

ICS 29.035.20

ISBN 978-2-88912-547-0

## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## FLEXIBLE INSULATING SLEEVING –

**Part 3: Specifications for individual types of sleeving –  
Sheet 271: Heat-shrinkable elastomer sleeveings, flame retarded,  
fluid resistant, shrink ratio 2:1**

## FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested IEC National Committees.
- 3) IEC Publications have the form of recommendations for international use and are accepted by IEC National Committees in that sense. While all reasonable efforts are made to ensure that the technical content of IEC Publications is accurate, IEC cannot be held responsible for the way in which they are used or for any misinterpretation by any end user.
- 4) In order to promote international uniformity, IEC National Committees undertake to apply IEC Publications transparently to the maximum extent possible in their national and regional publications. Any divergence between any IEC Publication and the corresponding national or regional publication shall be clearly indicated in the latter.
- 5) IEC itself does not provide any attestation of conformity. Independent certification bodies provide conformity assessment services and, in some areas, access to IEC marks of conformity. IEC is not responsible for any services carried out by independent certification bodies.
- 6) All users should ensure that they have the latest edition of this publication.
- 7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and members of its technical committees and IEC National Committees for any personal injury, property damage or other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.
- 8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.
- 9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 60684-3-271 has been prepared by IEC technical committee 15: Solid electrical insulating materials.

This third edition cancels and replaces the second edition published in 2004, and constitutes a technical revision. It includes the following significant technical change from the previous edition: the addition of a type of sleeving suitable for use at temperatures up to 150 °C.

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

FDIS	Report on voting
15C/627/FDIS	15C/639/RVD

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



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

A list of all the parts in the IEC 60684 series, under the general title *Flexible insulating sleeving*, can be found on the IEC website.

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

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

## **iTeh STANDARD PREVIEW (standards.iteh.ai)**

[SIST EN 60684-3-271:2011](https://standards.iteh.ai/catalog/standards/sist/1923fe53-5703-47e8-830c-a54bcbe7384a/sist-en-60684-3-271-2011)

<https://standards.iteh.ai/catalog/standards/sist/1923fe53-5703-47e8-830c-a54bcbe7384a/sist-en-60684-3-271-2011>