



**SLOVENSKI STANDARD**  
**SIST EN 60684-3-214:2008**

**01-november-2008**

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Flexible insulating sleeving -- Part 3: Specifications for individual types of sleeving --  
Sheet 214: Heat-shrinkable, polyolefin sleeving, not flame retarded, shrink ratio 3:1 -  
Thick and medium wall

Isolierschläuche -- Teil 3: Anforderungen für einzelne Schlauchtypen -- Blatt 214:  
Wärmeschrumpfende Polyolefinschläuche, nicht-flammwidrig, Schrumpfverhältnis 3:1 -  
Dickwandig und mittlere Wanddicke

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Gaines isolantes souples -- Partie 3: Specifications pour types particuliers de gaines --  
Feuille 214: Gaines thermorétractables en polyoléfine, non retardées à la flamme,  
rapport de rétreint 3:1 - Paroi moyenne et épaisse

**Ta slovenski standard je istoveten z: EN 60684-3-214:2005**

**ICS:**

29.035.20 Ú|æ cá} ãá Á~ { ^} ãá [ |æã \ ãã Plastics and rubber insulating  
{ æ^|ãã materials

**SIST EN 60684-3-214:2008**

**en,de**

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EUROPEAN STANDARD

**EN 60684-3-214**

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2005

ICS 29.035.20

English version

**Flexible insulating sleeving**  
**Part 3: Specifications for individual types of sleeving**  
**Sheet 214: Heat-shrinkable, polyolefin sleeving,**  
**not flame retarded, shrink ratio 3:1 -**  
**Thick and medium wall**  
**(IEC 60684-3-214:2005)**

Gaines isolantes souples

Partie 3: Spécifications pour types particuliers de gaines

Feuille 214: Gaines thermorétractables en polyoléfine, non retardées à la flamme, rapport de rétreint 3:1 -

Paroi moyenne et épaisse  
(CEI 60684-3-214:2005)

Isolierschläuche

Teil 3: Anforderungen für einzelne Schlauchtypen

Blatt 214: Wärmeschrumpfende Polyolefinschläuche, nicht-flammwidrig, Schrumpfverhältnis 3:1 -

Dickwandig und mittlere Wanddicke  
(IEC 60684-3-214:2005)

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This European Standard was approved by CENELEC on 2005-11-01. 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

**CENELEC**

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

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

## Foreword

The text of document 15/230/FDIS, future edition 2 of IEC 60684-3-214, prepared by IEC TC 15, Standards on specifications for electrical insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60684-3-214 on 2005-11-01.

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) 2006-09-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2008-11-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 60684-3-214:2005 was approved by CENELEC as a European Standard without any modification.

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## 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 Where 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 60296	2003	Fluids for electrotechnical applications - Unused mineral insulating oils for transformers and switchgear	EN 60296 + corr. September 2004	2004 2004
IEC 60684-1	2003	Flexible insulating sleeving Part 1: Definitions and general requirements	EN 60684-1	2003
IEC 60684-2 A1	1997 2003	Part 2: Methods of test	EN 60684-2 A1	1997 2003
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

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# INTERNATIONAL STANDARD

# IEC 60684-3-214

Second edition  
2005-11

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## Flexible insulating sleeving –

### Part 3:

### Specifications for individual types of sleeving –

### Sheet 214: Heat-shrinkable, polyolefin sleeving, not flame retarded, shrink ratio 3:1 –

### Thick and medium wall

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International Electrotechnical Commission, 3, rue de Varembé, PO Box 131, CH-1211 Geneva 20, Switzerland  
Telephone: +41 22 919 02 11 Telefax: +41 22 919 03 00 E-mail: [inmail@iec.ch](mailto:inmail@iec.ch) Web: [www.iec.ch](http://www.iec.ch)



Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

PRICE CODE

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## FLEXIBLE INSULATING SLEEVING –

**Part 3: Specifications for individual types of sleeving –  
Sheet 214: Heat-shrinkable, polyolefin sleeving,  
not flame retarded, shrink ratio 3:1 – Thick and medium wall**

## 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.
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International Standard IEC 60684-3-214 has been prepared by IEC technical committee 15: Standards on specifications for electrical Insulating materials.

This second edition replaces the first edition (2001) and constitutes a technical revision.

The main change with respect to the previous edition is as follows:

The thermal endurance test method according to IEC 60216 has been replaced with a long term ageing test i.e. 3 000 h (see Amendment 1 to IEC 60684-2), at the recommended maximum temperature found suitable for use, to provide safe thermal test data within a workable time scale.