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SIST EN 60684-3-209:2010

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60684-3-209**

July 2010

ICS 29.035.20

Supersedes EN 60684-3-209:2003

English version

**Flexible insulating sleeving -  
Part 3: Specifications for individual types of sleeving -  
Sheet 209: Heat-shrinkable polyolefin sleeving, general purpose, flame  
retarded  
(IEC 60684-3-209:2010)**

Gaines isolantes souples -  
Partie 3: Spécifications pour types  
particuliers de gaines -  
Feuille 209: Gaines thermorétractables,  
en polyoléfine, d'utilisation générale,  
ignifugées  
(CEI 60684-3-209:2010)

Isolierschläuche -  
Teil 3: Anforderungen für einzelne  
Schlauchtypen -  
Blatt 209: Polyolefin-  
Wärmeschumpfschläuche, Standardtyp,  
flammwidrig  
(IEC 60684-3-209:2010)

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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 15/561/FDIS, future edition 3 of IEC 60684-3-209, prepared by IEC TC 15, Solid electrical insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60684-3-209 on 2010-07-01.

This European Standard supersedes EN 60684-3-209:2003.

This EN 60684-3-209:2010 has been aligned with UL 224 for 125 °C flexible heat-shrinkable polyolefin tubing.

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) 2011-04-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2013-07-01

Annex ZA has been added by CENELEC.

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**Endorsement notice**

The text of the International Standard IEC 60684-3-209:2010 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 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	1997	Flexible insulating sleeving -	EN 60684-2	1997
+ A1	2003	Part 2: Methods of test	+ A1	2003
+ A2	2005		+ A2	2005
IEC 60757	1983	Code for designation of colours	HD 457 S1	1985

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# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Flexible insulating sleeving –**  
**Part 3: Specifications for individual types of sleeving –**  
**Sheet 209: Heat-shrinkable, polyolefin sleeving, general purpose, flame retarded**

**Gaines isolantes souples –**  
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**Feuille 209: Gaines thermorétractables, en polyoléfine, d'utilisation générale, ignifugées**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## FLEXIBLE INSULATING SLEEVING –

**Part 3: Specifications for individual types of sleeving –  
Sheet 209: Heat-shrinkable, polyolefin sleeving,  
general purpose, flame retarded**

## FOREWORD

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International Standard IEC 60684-3-209 has been prepared by IEC technical committee 15: Solid electrical insulating materials.

This third edition cancels and replaces the second edition published in 2003 and constitutes a technical revision. This edition has been aligned with UL 224 for 125 °C flexible heat-shrinkable polyolefin tubing.

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

FDIS	Report on voting
15/561/FDIS	15/584/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.