



Irish Standard
I.S. EN 60684-3-209:2010

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
(EQV))

I.S. EN 60684-3-209:2010

Incorporating amendments/corrigenda issued since publication:

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I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

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SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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NSAI 1 Swift Square, Northwood, Santry Dublin 9	T +353 1 807 3800 F +353 1 807 3838 E standards@nsai.ie W NSAI.ie	Sales: T +353 1 857 6730 F +353 1 857 6729 W standards.ie
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EUROPEAN STANDARD
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EN 60684-3-209

July 2010

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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
Schlauchttypen -
Blatt 209: Polyolefin-
Wärmeschrumpfschläuche, Standardtyp,
flammwidrig
(IEC 60684-3-209:2010)

This European Standard was approved by CENELEC on 2010-07-01. 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.

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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.

Endorsement notice

The text of the International Standard IEC 60684-3-209:2010 was approved by CENELEC as a European Standard without any modification.

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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CONTENTS

FOREWORD.....	3
INTRODUCTION.....	5
1 Scope.....	6
2 Normative references.....	6
3 Designation	6
4 Conditions of test.....	7
5 Requirements	7
6 Sleeving conformance.....	7
Table 1 – Required test samples	7
Table 2 – Minimum recovered wall thicknesses for maximum recovered internal diameters.....	7
Table 3 – Property requirements	8
Table 4 – Mandrel diameters for heat shock and low temperature bending	9

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.

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, published 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.

INTRODUCTION

This International Standard is one of a series which deals with flexible insulating sleeving for electrical purposes.

The series consists of three parts:

- Part 1: Definitions and general requirements (IEC 60684-1)
- Part 2: Methods of test (IEC 60684-2)
- Part 3: Specifications for individual types of sleeving (IEC 60684-3)

This standard comprises one of the sheets of Part 3 as follows:

Sheet 209: Heat-shrinkable, polyolefin sleeving, general purpose, flame retarded

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