



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60684-3-233:2006

ICS 29.035.20

**FLEXIBLE INSULATING SLEEVING -- PART
3: SPECIFICATIONS FOR INDIVIDUAL
TYPES OF SLEEVING -- SHEET 233:
HEAT-SHRINKABLE FLUOROELASTOMER
SLEEVING, FLAME RETARDED, FLUID
RESISTANT, SHRINK RATIO 2:1 (IEC
60684-3-233:2006 (EQV))**

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*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland and comes into
effect on:
22 December 2006*

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60684-3-233

March 2006

ICS 29.035.20

Supersedes EN 60684-3-233:1998
Incorporates Corrigendum November 2006

English version

Flexible insulating sleeving
Part 3: Specifications for individual types of sleeving
Sheet 233: Heat-shrinkable fluoroelastomer sleeving,
flame retarded, fluid resistant, shrink ratio 2:1
(IEC 60684-3-233:2006)

Gaines isolantes souples
Partie 3: Spécifications pour types
particuliers de gaines
Feuille 233: Gaines thermorétractables
en fluoroélastomère, retardées
à la flamme, résistant aux fluides,
rapport de rétreint 2:1
(CEI 60684-3-233:2006)

Isolierschläuche
Teil 3: Anforderungen für einzelne
Schlauchtypen
Blatt 233: Fluorelastomer-
Wärmeschrumpfschläuche, flammwidrig,
flüssigkeitsbeständig,
Schrumpfverhältnis 2:1
(IEC 60684-3-233:2006)

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, 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

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

Foreword

The text of document 15/231/FDIS, future edition 2 of IEC 60684-3-233, 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 60684-3-233 on 2005-11-01.

This European Standard supersedes EN 60684-3-233:1998.

The main change with regard to EN 60684-3-233:1998 concerns the replacement of the thermal endurance test, according to EN 60216, by a long-term ageing test, i.e. 3 000 h, at the maximum recommended temperature for such use, in order to furnish thermal test data within a workable time frame.

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) | 2006-11-01 |
| – 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.

The contents of the corrigendum of November 2006 have been included in this copy.

Endorsement notice

The text of the International Standard IEC 60684-3-233:2006 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 A1	1997 2003	Flexible insulating sleeving 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
ISO 1817	1999	Rubber, vulcanized - Determination of the effect of liquids	-	-

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