



National Standards Authority of Ireland

IRISH STANDARD

**I.S.EN 60684-3-213:1999**

ICS 29.035.20

**FLEXIBLE INSULATING SLEEVING.**

**PART 3: SPECIFICATIONS FOR INDIVIDUAL**

**TYPES OF SLEEVING.**

**SHEET 213: HEAT-SHRINKABLE POLYOLEFIN**

**SLEEVING, NOT FLAME RETARDED, SHRINK**

**RATIO 2:1 (IEC 60684-3-213:1998)**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60684-3-213**

January 1999

ICS 29.035.01

Descriptors: Electrical insulating materials, sheaths: protectors, heat-shrinkable materials, polyolefins, detail specifications

English version

**Flexible insulating sleeving**  
**Part 3: Specifications for individual types of sleeving**  
**Sheet 213: Heat-shrinkable polyolefin sleeving,**  
**not flame retarded, shrink ratio 2:1**  
**(IEC 60684-3-213:1998)**

Gaines isolantes souples  
Partie 3: Spécifications pour types  
particuliers de gaines  
Feuille 213: Gaines thermorétractables  
en polyoléfine, non retardées à la  
flamme, rapport de rétreint 2:1  
(CEI 60684-3-213:1998)

Isolierschläuche  
Teil 3: Anforderungen für einzelne  
Schlauchtypen  
Blatt 213: Wärmeschrumpfende  
Polyolefinschläuche, nicht-flammwidrig,  
Schrumpfverhältnis 2:1  
(IEC 60684-3-213:1998)

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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.

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**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 15C/999/FDIS, future edition 1 of IEC 60684-3-213, prepared by SC 15C, Specifications, of IEC TC 15, Insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60684-3-213 on 1999-01-01.

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) 1999-10-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2001-10-01

Annexes designated "normative" are part of the body of the standard.  
In this standard, annex ZA is normative.  
Annex ZA has been added by CENELEC.

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### **Endorsement notice**

The text of the International Standard IEC 60684-3-213:1998 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**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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	1980	Specification for flexible insulating sleeving Part 1: Definitions and general requirements	EN 60684-1	1995
IEC 60684-2 + A1	1984 1992	Part 2: Methods of tests	HD 523.2 S2 <sup>1)</sup>	1993
ISO 846	1978	Plastics - Determination of behaviour under the action of fungi and bacteria - Evaluation by visual examination or measurement of change in mass or physical properties	-	-
ISO 1817	- <sup>2)</sup>	Rubber, vulcanized - Determination of the effect of liquids	-	-

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1) HD 523.2 S2 is superseded by EN 60684-2:1997, which is based on IEC 60684-2:1997.

2) To be published (revision of ISO 1817:1985).



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