



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60684-3-409:2000

ICS 29.035.20

**FLEXIBLE INSULATING SLEEVING**  
**PART 3: SPECIFICATIONS FOR INDIVIDUAL**  
**TYPES OF SLEEVING**  
**SHEET 409: GLASS TEXTILE SLEEVING WITH**  
**POLYURETHANE (PUR)-BASED COATING**  
**(IEC 60684-3-409:1999)**

National Standards  
Authority of Ireland  
Glasnevin, Dublin 9  
Ireland

Tel: +353 1 807 3800  
Fax: +353 1 807 3838  
<http://www.nσαι.ie>

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*This Irish Standard was  
published under the  
authority of the National  
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effect on:  
May 12, 2000*

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60684-3-409**

August 1999

ICS 29.035.20

English version

**Flexible insulating sleeving**  
**Part 3: Specifications for individual types of sleeving**  
**Sheet 409: Glass textile sleeving with polyurethane (PUR)-based coating**  
**(IEC 60684-3-409:1999)**

Gaines isolantes souples  
Partie 3: Spécifications pour  
types particuliers de gaines  
Feuille 409: Gaines en fibres de  
verre textile, avec revêtement  
polyuréthane (PUR)  
(CEI 60684-3-409:1999)

Isolierschläuche  
Teil 3: Anforderungen für einzelne  
Schlauchttypen  
Blatt 409: Glasfilament-Textilschläuche  
mit Beschichtung auf  
Polyurethan-(PUR)-Basis  
(IEC 60684-3-409:1999)

This European Standard was approved by CENELEC on 1999-08-01. 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

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

### Foreword

The text of document 15C/1039/FDIS, future edition 1 of IEC 60684-3-409, 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 60684-3-409 on 1999-08-01.

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) 2000-05-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2002-08-01

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 60684-3-409:1999 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	1997	Flexible insulating sleeving Part 2: Methods of test	EN 60684-2	1997
IEC 60757	1983	Code for designation of colours	HD 457 S1	1985



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