

iTeh STANDARD PREVIEW
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SIST HD 523.3.201 S1:1998

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HARMONIZATION DOCUMENT

HD 523.3.201 S1

DOCUMENT D'HARMONISATION

HARMONISIERUNGSDOKUMENT

December 1993

UDC

Descriptors: Electrical insulating materials, protectors sleeveings, heat shrinkable materials, polyvinyl chloride, specification

ENGLISH VERSION

Specification for flexible insulating sleeving
 Part 3: Specification requirements for individual types of sleeving
 Sheet 201: Heat shrinkable sleeving, general purpose, flexible, cross-linked PVC, shrink ratio 2:1
 (IEC 684-3-201:1991)

Spécification pour gaines isolantes souples
 Troisième partie: Spécifications particulières aux types particuliers de gaines
 Feuille 201: Gaine souple thermorétractable en PVC réticulé, pour usage général, avec rapport de rétrécissement de 2:1
 (CEI 684-3-201:1991)

Bestimmung für flexible Isolierschläuche
 Teil 3: Anforderungen für einzelne Schlauchtypen
 Blatt 201: Flexible Wärmeschrumpfschläuche aus vernetztem PVC, Standardtyp, Schrumpfverhältnis 2:1
 (IEC 684-3-201:1991)

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This Harmonization Document was approved by CENELEC on 1993-03-09. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this Harmonization Document on a national level.

Up-to-date lists and bibliographical references concerning national implementation may be obtained on application to the Central Secretariat or to any CENELEC member.

This Harmonization Document exists in three official versions (English, French, German).

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and 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

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Ref. No. HD 523.3.201 S1:1993 E

FOREWORD

The CENELEC questionnaire procedure, performed for finding out whether or not the International Standard IEC 684-3-201:1991 could be accepted without textual changes, has shown that no common modifications were necessary for the acceptance as Harmonization Document.

The reference document was submitted to the CENELEC members for formal vote and was approved by CENELEC as HD 523.3.201 S1 on 9 March 1993.

Les dates suivantes ont été fixées:

- date limite de publication d'une norme nationale harmonisée (dop) 1994-03-01
- date limite de retrait des normes nationales conflictuelles (dow) 1994-03-01

For products which have complied with the relevant national standard before 1994-03-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1999-03-01.

Annexes designated "normative" are part of the body of the standard. In this standard, annex ZA is normative.

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ENDORSEMENT NOTICE

The text of the International Standard IEC 684-3-201:1991 was approved by CENELEC as a Harmonization Document without any modification.



ANNEX ZA (normative)

OTHER INTERNATIONAL PUBLICATIONS QUOTED IN THIS STANDARD
WITH THE REFERENCES OF THE RELEVANT 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.

NOTE : When the international publication has been modified by CENELEC common modifications, indicated by (mod), the relevant EN/HD applies.

IEC Publication	Date	Title	EN/HD	Date
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684-1	1980	Specification for flexible insulating sleeving - Part 1: Definitions and general requirements	-	-
684-2	1984	Part 2: Methods of test	HD 523.2 S2*	1993

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* HD 523.2 S2 includes A1:1992 to IEC 684-2

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**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC
684-3-201**

Première édition
First edition
1991-04

Spécification pour gaines isolantes souples

Troisième partie:

Spécifications particulières aux types particuliers
de gaines

Feuille 201: Gaine souple thermorétractable
en PVC réticulé, pour usage général, avec
rapport de rétrécissement de 2:1

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Specification for flexible insulating sleeving

Part 3:

Specification requirements for individual types
of sleeving

Sheet 201: Heat shrinkable sleeving, general
purpose, flexible, cross-linked PVC, shrink
ratio 2:1

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International Electrotechnical Commission
Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SPECIFICATION FOR FLEXIBLE INSULATING SLEEVING

Part 3: Specification requirements for
individual types of sleevingSheet 201: Heat shrinkable sleeving, general purpose,
flexible, cross-linked PVC, shrink ratio 2:1

FOREWORD

- 1) The formal decisions or agreements of the IEC on technical matters, prepared by Technical Committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 2) They have the form of recommendations for international use and they are accepted by the National Committees in that sense.
- 3) In order to promote international unification, the IEC expresses the wish that all National Committees should adopt the text of the IEC recommendation for their national rules in so far as national conditions will permit. Any divergence between the IEC recommendation and the corresponding national rules should, as far as possible, be clearly indicated in the latter.

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PREFACE

This standard has been prepared by Sub-Committee 15C: Specifications, of IEC Technical Committee No. 15: Insulating materials.

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

Six Months' Rule	Report on Voting
15C(CO)244	15C(CO)273

Full information on the voting for the approval of this standard can be found in the Voting Report indicated in the above table.

The following IEC publications are quoted in this standard:

Publications Nos. 684-1 (1980): Specification for flexible insulating sleeving, Part 1: Definitions and general requirements.

684-2 (1984): Part 2: Methods of test.

SPECIFICATION FOR FLEXIBLE INSULATING SLEEVING

Part 3: Specification requirements for individual types of sleeving

Sheet 201: Heat shrinkable sleeving, general purpose, flexible, cross-linked PVC, shrink ratio 2:1

INTRODUCTION

This 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 Publication 684-1).
- Part 2: Methods of test (IEC Publication 684-2).
- Part 3: Specification requirements for individual types of sleeving (IEC Publication 684-3).

This sheet is one of the sheets comprising Part 3.

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1. Scope

This sheet contains requirements for heat shrinkable sleeving, general purpose, flexible, cross-linked polyvinyl chloride (PVC). It is normally available in bore sizes up to 50 mm and supplied in black only. The minimum recovery temperature is 175 °C. The nominal shrink ratio is 2:1.

Experience of product performance indicates that sleeving of type 201 may be suitable for inclusion in systems for operation at 105 °C.

2. Designation

The sleeving shall be identified by one of the following means:

- a) in words and numbers;
- b) by the designation which follows;
- c) by both of the above means.

IEC 684-3-201 – size code

For example:

IEC 684-3-201-3.0/1.5.

3. Conditions of test

Unless otherwise stated, sleeving shall be shrunk in a forced air circulation oven for 15 min at 175 °C ± 5 °C before being tested.