

Ohybné izolačné rúrky. Časť 3: Špecifikácia jednotlivých druhov rúrok. List 285: Teplom zmraštiteľné polyolefínové rúrky na izolačné spojky na stredné napätie.

STN EN 60684-3-285

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Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 285: Heat-shrinkable polyolefin sleeving, for medium voltage joint insulation

Táto norma obsahuje anglickú verziu európskej normy. This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 07/15

Obsahuje: EN 60684-3-285:2014, IEC 60684-3-285:2014

# EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN 60684-3-285

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# **English Version**

Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 285: Heat-shrinkable polyolefin sleeving, for medium voltage joint insulation (IEC 60684-3-285:2014)

Gaines isolantes souples - Partie 3: spécifications pour types particuliers de gaines - Feuille 285: gaines thermorétractables, en polyoléfine pour isolation de joint en moyenne tension (CEI 60684-3-285:2014)

Isolierschläuche - Teil 3: Anforderungen für einzelne Schlauchtypen - Blatt 285: Wärmeschrumpfende Polyolefinschläuche für den Einsatz in Mittelspannungsmuffen (IEC 60684-3-285:2014)

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# **Foreword**

The text of document 15/694/CDV, future edition 1 of IEC 60684-3-285, prepared by IEC/TC 15 "Solid electrical insulating materials" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60684-3-285:2014.

The following dates are fixed:

•	latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2015-08-21
•	latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2017-11-21

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In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60684-3 (all sheets) NOTE Harmonized as EN 60684-3 (all sheets) (not modified).

# Annex ZA

(normative)

# Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu

<u>Publication</u>	<u>Year</u>	<u>Title</u>	EN/HD	<u>Year</u>
IEC 60684-1	2003	Flexible insulating sleeving - Part 1: Definitions and general requirements	EN 60684-1	2003
IEC 60684-2	2011	Flexible insulating sleeving - Part 2: Methods of test	EN 60684-2	2011
IEC 60757	1983	Code for designation of colours	HD 457 S1	1985



# IEC 60684-3-285

Edition 1.0 2014-10

# INTERNATIONAL STANDARD

Flexible insulating sleeving -

Part 3: Specifications for individual types of sleeving – Sheet 285: Heat-shrinkable polyolefin sleeving, for medium voltage joint insulation





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# INTERNATIONAL STANDARD

Flexible insulating sleeving -

Part 3: Specifications for individual types of sleeving -

Sheet 285: Heat-shrinkable polyolefin sleeving, for medium voltage joint insulation

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# INTERNATIONAL ELECTROTECHNICAL COMMISSION

## FLEXIBLE INSULATING SLEEVING -

# Part 3: Specifications for individual types of sleeving – Sheet 285: Heat-shrinkable polyolefin sleeving, for medium voltage joint insulation

## **FOREWORD**

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International Standard IEC 60684-3-285 has been prepared by IEC technical committee 15: Solid electrical insulating materials.

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

CDV	Report on voting
15/694/CDV	15/727/RVC

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

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This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 60684 series, published under the general title *Flexible insulating sleeving*, can be found on the IEC website.

A bilingual version of this publication may be issued at a later date.

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# 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 gives one of the sheets comprising Part 3, as follows:

Sheet 285: Heat-shrinkable polyolefin sleeving, for medium voltage joint insulation.

# FLEXIBLE INSULATING SLEEVING -

# Part 3: Specifications for individual types of sleeving – Sheet 285: Heat-shrinkable polyolefin sleeving, for medium voltage joint insulation

# 1 Scope

This part of IEC 60684 gives the requirements for heat-shrinkable sleeving for medium voltage joint insulation, with a range of shrink ratios.

This sleeving has been found suitable up to temperatures of 100 °C.

These sleevings are normally supplied in colour, red or brown.

Since this type of sleevings covers a significantly large range of sizes and wall thicknesses, the actual size will be agreed between the purchaser and supplier.

Materials which conform to this standard meet established levels of performance. However, the selection of a material by a user for a specific application should be based on the actual requirements necessary for adequate performance in that application and not based on this standard alone. This sleeving is designed to be used in medium voltage cable accessories and as such electrical performance will be proven as part of the assembly. Examples of this are described in HD 629 and IEC 60502.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60684-1:2003, Flexible insulating sleeving – Part 1: Definitions and general requirements

IEC 60684-2:2011, Flexible insulating sleeving – Part 2: Methods of test

IEC 60757:1983, Code for designation of colours

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