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IEC 60684-3-285

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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**

INTERNATIONAL
ELECTROTECHNICAL
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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

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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.

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.

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 sleeveings are normally supplied in colour, red or brown.

Since this type of sleeveings 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*