



BSI Standards Publication

Flexible insulating sleeving

Part 3: Specifications for individual types of sleeving — Sheet 247: Heat-shrinkable polyolefin sleeving, dual wall, not flame retarded, thick and medium wall (IEC 60684-3-247:2011)

National foreword

This British Standard is the UK implementation of EN 60684-3-247:2011+A1:2017. It is identical to IEC 60684-3-247:2011, incorporating amendment 1:2016. It supersedes BS EN 60684-3-247:2011 which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to IEC text carry the number of the IEC amendment. For example, text altered by IEC amendment 1 is indicated by A1 A1.

The UK participation in its preparation was entrusted by Technical Committee GEL/15, Solid electrical insulating materials, to Subcommittee GEL/15/5, Flexible insulating sleeving for electrical purposes.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

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Amendments/corrigenda issued since publication

Date	Text affected
30 April 2017	Implementation of IEC amendment 1:2016 with CENELEC endorsement A1:2016

**Flexible insulating sleeving -
Part 3: Specifications for individual types of sleeving -
Sheet 247: Heat-shrinkable polyolefin sleeving, dual wall, not flame
retarded, thick and medium wall
(IEC 60684-3-247:2011)**

Gaines isolantes souples -
Partie 3: Spécifications pour types
particuliers de gaines -
Feuille 247: Gaines thermorétractables en
polyoléfine, à double paroi (épaisse et
moyenne), non retardées à la flamme
(CEI 60684-3-247:2011)

Isolierschläuche -
Teil 3: Anforderungen für einzelne
Schlauchtypen -
Blatt 247: Wärmeschrumpfende
Polyolefinschläuche mit
Innenbeschichtung, nicht flammwidrig,
dickwandig und mittlere Wanddicke
(IEC 60684-3-247:2011)

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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

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Foreword

The text of document 15/625/FDIS, future edition 1 of IEC 60684-3-247, prepared by IEC TC 15, Solid electrical insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60684-3-247 on 2011-07-28.

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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) 2012-04-28
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2014-07-28

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60684-3-247:2011 was approved by CENELEC as a European Standard without any modification.

Foreword to amendment A1

The text of document 15/754/CDV, future IEC 60684-3-247:2011/A1, prepared by IEC/TC 15 "Solid electrical insulating materials" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60684-3-247:2011/A1:2017.

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- latest date by which the national standards conflicting with (dow) 2020-01-18
the document have to be withdrawn

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Endorsement notice

The text of the International Standard IEC 60684-3-247:2011/A1:2016 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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

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 60296	2003	Fluids for electrotechnical applications - Unused mineral insulating oils for transformers and switchgear	EN 60296 + corr. September	2004 2004
IEC 60502-1	2004	Power cables with extruded insulation and their accessories for rated voltages from 1 kV ($U_m = 1,2$ kV) up to 30 kV ($U_m = 36$ kV) - Part 1: Cables for rated voltages of 1 kV ($U_m = 1,2$ kV) and 3 kV ($U_m = 3,6$ kV)	-	-
IEC 60684-1	2003	Flexible insulating sleeving - Part 1: Definitions and general requirements	EN 60684-1	2003
IEC 60684-2 + A2	1997 2005	Flexible insulating sleeving - Part 2: Methods of test	EN 60684-2 + A2	1997 2005
IEC 60757	1983	Code for designation of colours	HD 457 S1	1985
ISO 846	1997	Plastics - Evaluation of the action of microorganisms	EN ISO 846	1997
ISO 868	2003	Plastics and ebonite - Determination of indentation hardness by means of a durometer (Shore hardness)	EN ISO 868	2003
ISO 11357-3	1999	Plastics - Differential scanning calorimetry (DSC) - Part 3: Determination of temperature and enthalpy of melting and crystallization	-	-
ISO 11358	1997	Plastics - Thermogravimetry (TG) of polymers - General principles	EN ISO 11358	1997