

BS EN 60626-1:2012



BSI Standards Publication

Combined flexible materials for electrical insulation

Part 1: Definitions and general requirements

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National foreword

This British Standard is the UK implementation of EN 60626-1:2012. It is identical to IEC 60626-1:2009. It supersedes BS EN 60626-1:1996, which will be withdrawn on 23 March 2015.

The UK participation in its preparation was entrusted to Technical Committee GEL/15, Solid electrical insulating materials.

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

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments issued since publication

Date	Text affected
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60626-1

May 2012

ICS 29.035.01

Supersedes EN 60626-1:1995 + A1:1996

English version

Combined flexible materials for electrical insulation - Part 1: Definitions and general requirements (IEC 60626-1:2009)

Matériaux combinés souples destinés à
l'isolement électrique -
Partie 1: Définitions et exigences
générales
(CEI 60626-1:2009)

Flexible Mehrschichtisolierstoffe zur
elektrischen Isolierung -
Teil 1: Definitionen und allgemeine
Anforderungen
(IEC 60626-1:2009)

This European Standard was approved by CENELEC on 2012-03-23. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre 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 15/469/CDV, future edition 3 of IEC 60626-1, prepared by IEC/TC 15 "Solid electrical insulating materials" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60626-1:2012.

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) 2012-12-23
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-03-23

This document supersedes EN 60626-1:1995 + A1:1996.

EN 60626-1:2012 includes the following significant technical changes with respect to EN 60626-1:1995:

The Scope was revised specifying treatment of mica paper, and Table 1 was revised cancelling materials no longer in use and introducing newer materials.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

Endorsement notice

The text of the International Standard IEC 60626-1:2009 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 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 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 60554-3-1	1979	Specification for cellulosic papers for electrical purposes - Part 3: Specifications for individual materials - Sheet 1: General purpose electrical paper	-	-
IEC 60626-3	2008	Combined flexible materials for electrical insulation - Part 3: Specifications for individual materials	EN 60626-3 + corr. October	2008 2008
IEC 60641-3-2	2007	Pressboard and presspaper for electrical purposes - Part 3: Specifications for individual materials - Sheet 2: Requirements for presspaper, types P.2.1, P.4.1, P.4.2, P.4.3 and P.6.1	EN 60641-3-2	2008
IEC 60674-3-2	1992	Specification for plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheet 2: Requirements for balanced biaxially oriented polyethylene terephthalate (PET) films used for electrical insulation	EN 60674-3-2	1998
IEC 60674-3-4 to 6	1993	Specification for plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheets 4 to 6: Requirements for polyimide films used for electrical insulation	EN 60674-3-4 to 6	1995
IEC 60674-3-8	-	Plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheet 8: Balanced biaxially oriented polyethylene naphthalate (PEN) films used for electrical insulation	EN 60674-3-8	-
IEC 60819-3-1	2001	Non-cellulosic papers for electrical purposes - Part 3: Specifications for individual materials - Sheet 1: Filled glass paper	EN 60819-3-1	2001
IEC 60819-3-2	2001	Non-cellulosic papers for electrical purposes - Part 3: Specifications for individual materials - Sheet 2: Hybrid inorganic-organic paper	EN 60819-3-2	2001
IEC 60819-3-3 + corr. February	2006 2008	Non-cellulosic papers for electrical purposes - Part 3: Specifications for individual materials - Sheet 3: Unfilled aramid (aromatic polyamide) papers	EN 60819-3-3 ¹⁾	2006

¹⁾ EN 60819-3-3 is superseded by EN 60819-3-3:2011, which is based on IEC 60819-3-3:2011.