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National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 61249-3-4:1999**

ICS 31.180

# MATERIALS FOR PRINTED BOARDS AND OTHER INTERCONNECTING STRUCTURES. PART 3-4: SECTIONAL SPECIFICATION SET FOR UNREINFORCED BASE MATERIALS, CLAD AND UNCLAD (INTENDED FOR FLEXIBLE PRINTED BOARDS) ADHESIVE COATED FLEXIBLE POLYIMIDE FILM (IEC 61249-3-4:1999)

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

# EN 61249-3-4

April 1999

ICS 31.180

English version

# Materials for printed boards and other interconnecting structures Part 3-4: Sectional specification set for unreinforced base materials, clad and unclad (intended for flexible printed boards) Adhesive coated flexible polyimide film (IEC 61249-3-4:1999)

Matériaux pour circuits imprimés et autres structures d'interconnexion Partie 3-4: Collection de spécifications intermédiaires pour les matériaux de base non renforcés, recouverts ou non (prévus pour les circuits imprimés flexibles) - Film flexible de polyimide recouvert de colle (CEI 61249-3-4:1999)

Materialien für Leiterplatten und andere Verbindungsstrukturen Teil 3-4: Rahmenspezifikation für unverstärkte, kaschierte und unkaschierte Basismaterialien (für flexible Leiterplatten) Kleberbeschichtete flexible Polyimidfolien (IEC 61249-3-4:1999)

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

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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 52/773/FDIS, future edition 1 of IEC 61249-3-4, prepared by IEC TC 52, Printed circuits, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61249-3-4 on 1999-04-01.

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) 2000-01-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2002-01-01

Annexes designated "normative" are part of the body of the standard.
Annexes designated "informative" are given for information only.
In this standard, annex ZA is normative and annex A is informative.
Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 61249-3-4:1999 was approved by CENELEC as a European Standard without any modification.

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## Annex ZA (normative)

## Normative references to international publications with their corresponding 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 (including amendments).

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

| Publication | Year | Title | EN/HD | Year |
|---|---|---|---|---|
| IEC 61189-2 | 1997 | Test methods for electrical materials, printed boards and other interconnection structures and assemblies<br>Part 2: Test methods for materials for interconnection structures | EN 61189-2<br>+ corr. August | 1997<br>1997 |

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