



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61249-5-4:1999

ICS 31.180

**MATERIALS FOR INTERCONNECTION
STRUCTURES. PART 5: SECTIONAL
SPECIFICATION SET FOR CONDUCTIVE
FOILS AND FILMS WITH OR WITHOUT
COATINGS. SECTION 4: CONDUCTIVE INKS
(IEC 1249-5-4:1996)**

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Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61249-5-4

August 1996

ICS 31.180

Descriptors: Materials for interconnection structures, sectional specification, conductive foils and films, conductive inks, requirements

English version

Materials for interconnection structures
Part 5: Sectional specification set for conductive foils and films
with or without coatings
Section 4: Conductive inks
(IEC 1249-5-4:1996)

Matériaux pour les structures
d'interconnexion
Partie 5: Collection de spécifications
intermédiaires pour feuilles et films
conducteurs avec ou sans revêtement
Section 4: Encres conductrices
(CEI 1249-5-4:1996)

Materialien für Verbindungsstrukturen
Teil 5: Rahmenspezifikationen für
leitfähige Folien und Filme mit oder
ohne Beschichtungen
Hauptabschnitt 4: Leitfähige
Druckfarben
(IEC 1249-5-4:1996)

This European Standard was approved by CENELEC on 1996-07-02. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 52/602/FDIS, future edition 1 of IEC 1249-5-4, prepared by IEC TC 52, Printed circuits, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61249-5-4 on 1996-07-02.

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) 1997-04-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 1997-04-01

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, annexes A and ZA are normative and annexes B and C are informative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 1249-5-4:1996 was approved by CENELEC as a European Standard without any modification.

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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 68-2-2	1974	Basic environmental testing procedures Part 2: Tests - Test B: Dry heat	EN 60068-2-2 ¹⁾	1993
IEC 68-2-3	1969	Part 2: Tests - Test Ca: Damp heat, steady state	HD 323.2.3 S2 ²⁾	1987
IEC 68-2-20	1979	Part 2: Tests - Test T: Soldering	HD 323.2.20 S3 ³⁾	1988

1) EN 60068-2-2 includes supplement A:1976 to IEC 68-2-2.

2) HD 323.2.3 S2 includes A1:1984 to IEC 68-2-3.

3) HD 323.2.20 S3 includes A2:1987 to IEC 68-2-20.

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