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SIST EN 61086-3-1:1998

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61086-3-1

February 1995

ICS 29.040.20

Descriptors: Electrical insulating materials, solid electrical insulating materials, printed-circuit cards, wiring, coatings, designation, specification, characteristics, tables (data)

English version

**Coatings for loaded printed wire boards (conformal coatings)
Part 3: Specifications for individual materials
Sheet 1: Coatings for general purpose (class I) and
for high reliability (class II)
(IEC 1086-3-1:1995)**

Revêtements appliqués sur les cartes de câblage imprimées et dotées de composants conventionnels (revêtements enrobants)

Partie 3: Spécifications pour matériaux particuliers

Feuille 1: Revêtement pour usage général (classe I) et pour hautes performances (classe II)
(CEI 1086-3-1:1995)

Beschichtungen für bestückte Leiterplatten (conformal coatings)
Teil 3: Anforderungen für einzelne Werkstoffe

Blatt 1: Beschichtungen für allgemeine Zwecke (Klasse I) und für hohe Zuverlässigkeit (Klasse II)
(IEC 1086-3-1:1995)

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This European Standard was approved by CENELEC on 1994-07-05. 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 15C(CO)332, future edition 1 of IEC 1086-3-1, prepared by SC 15C, Specifications, of IEC TC 15, Insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61086-3-1 on 1994-07-05.

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) 1996-01-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 1996-01-01

Annexes designated "normative" are part of the body of the standard.
In this standard, annex ZA is normative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 1086-3-1:1995 was approved by CENELEC as a European Standard without any modification.

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ANNEX ZA (normative)

OTHER INTERNATIONAL PUBLICATIONS QUOTED IN THIS STANDARD
WITH THE REFERENCES OF THE RELEVANT 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.

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

IEC Publication	Date	Title	EN/HD	Date
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1086-1	1992	Specification for coatings for loaded printed wire boards (conformal coatings) Part 1: Definitions, classification and general requirements	EN 61086-1	1994
1086-2	1992	Part 2: Methods of test	EN 61086-2	1994

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**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC
1086-3-1**

Première édition
First edition
1995-01

**Revêtements appliqués sur les cartes
de câblage imprimées et dotées
de composants conventionnels
(revêtements enrobants) –**

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Partie 3:

Spécifications pour matériaux particuliers –

**Feuille 1: Revêtements pour usage général (classe I)
et pour hautes performances (classe II)**

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**Coatings for loaded printed wire
boards (conformal coatings) –**

Part 3:

Specifications for individual materials –

**Sheet 1: Coatings for general purpose (class I)
and for high reliability (class II)**

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International Electrotechnical Commission
Международная Электротехническая Комиссия

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For price, see current catalogue

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**COATINGS FOR LOADED PRINTED
WIRE BOARDS (CONFORMAL COATINGS) –**

**Part 3: Specifications for individual materials –
Sheet 1: Coatings for general purpose (class I)
and for high reliability (class II)**

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international cooperation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters, prepared by technical committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 3) They have the form of recommendations for international use published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.

International Standard IEC 1086-3-1 has been prepared by sub-committee 15C: Specifications, of IEC technical committee 15: Insulating materials.

The text of this standard is based on the following documents:

DIS	Report on voting
15C(CO)332	15C(CO)361

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.