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**Pressure-sensitive adhesive tapes for electrical purposes - Part 3: Specifications for individual materials - Sheet 4: Cellulosic paper, creped, with rubber thermosetting adhesive (IEC 60454-3-4:1998)**

Pressure-sensitive adhesive tapes for electrical purposes -- Part 3: Specifications for individual materials -- Sheet 4: Cellulosic paper, creped, with rubber thermosetting adhesive

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Selbstklebende Bänder für elektrotechnische Anwendungen -- Teil 3: Bestimmungen für einzelne Materialien -- Blatt 4: Bänder aus gekrepptem Zellulosepapier mit wärmehärtendem Kautschuk-Klebstoff

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Rubans adhésifs sensibles à la pression à usages électriques -- Partie 3: Spécifications pour matériaux particuliers -- Feuille 4: Papier cellulosique crêpé avec un adhésif caoutchouc thermodurcissable

**Ta slovenski standard je istoveten z: EN 60454-3-4:1998**

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**ICS:**

29.035.10	Papirni in kartonski izolacijski materiali	Paper and board insulating materials
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**SIST EN 60454-3-4:2001****en**

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EUROPEAN STANDARD

EN 60454-3-4

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 1998

ICS 29.035.10

Descriptors: Solid electrical insulating materials, adhesive tapes, paper, cellulose, thermosetting resins, rubber, designation, characteristics, tests, marking

English version

**Pressure-sensitive adhesive tapes for electrical purposes**  
**Part 3: Specifications for individual materials**  
**Sheet 4: Cellulosic paper, creped, with rubber thermosetting adhesive**  
**(IEC 60454-3-4:1998)**

Rubans adhésifs sensibles à la pression  
à usages électriques  
Partie 3: Spécifications pour matériaux  
particuliers  
Feuille 4: Papier cellulosique crêpé avec  
un adhésif caoutchouc  
thermodurcissable  
(CEI 60454-3-4:1998)

Selbstklebende Bänder für  
elektrotechnische Anwendungen  
Teil 3: Bestimmungen für einzelne  
Materialien  
Blatt 4: Anforderungen für Bänder aus  
gekrepptem Zellulosepapier mit  
wärmehärtendem Kautschuk-Klebstoff  
(IEC 60454-3-4:1998)

This European Standard was approved by CENELEC on 1998-04-01. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

SIST EN 60454-3-4:2001

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# 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/854/FDIS, future edition 2 of IEC 60454-3-4, 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 60454-3-4 on 1998-04-01.

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) 1999-01-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2001-01-01

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.

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### Endorsement notice

The text of the International Standard IEC 60454-3-4:1998 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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60426	1973	Test methods for determining electrolytic corrosion with insulating materials	-	-
IEC 60454-1	1992	Specifications for pressure-sensitive adhesive tapes for electrical purposes Part 1: General requirements	EN 60454-1	1994
IEC 60454-2	1994	Part 2: Methods of test	EN 60454-2	1995

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**NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD**

**CEI  
IEC**

**60454-3-4**

Deuxième édition  
Second edition  
1998-02

**Rubans adhésifs sensibles à la pression  
à usages électriques –**

**Partie 3:  
Spécifications pour matériaux particuliers –  
Feuille 4: Papier cellulosique crêpé avec un adhésif  
en caoutchouc thermodurcissable**

**Pressure-sensitive adhesive tapes  
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Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

CODE PRIX  
PRICE CODE

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For price, see current catalogue

## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**PRESSURE-SENSITIVE ADHESIVE TAPES  
FOR ELECTRICAL PURPOSES –****Part 3: Specifications for individual materials –  
Sheet 4: Cellulosic paper, creped, with rubber  
thermosetting adhesive**

## 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 co-operation 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 express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested National Committees.
- 3) The documents produced have the form of recommendations for international use and are published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
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- 6) Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. The IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 60454-3-4 has been prepared by subcommittee 15C: Specifications, of IEC technical committee 15: Insulating materials.

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

FDIS	Report on voting
15C/854/FDIS	15C/941/RVD

SIST EN 60454-3-4:2001

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



## INTRODUCTION

This International Standard is one of a series which deals with pressure-sensitive adhesive tapes, intended primarily for electrical purposes.

This series consists of three parts:

- Part 1: General requirements (IEC 60454-1).
- Part 2: Method of test (IEC 60454-2).
- Part 3: Specifications for individual materials (IEC 60454-3).

This standard contains one of the sheets comprising part 3 as follows:

Sheet 4: Cellulosic paper, creped, with rubber thermosetting adhesive

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