



**NSAI**  
Standards

Irish Standard  
I.S. EN 60454-2:2007

# Pressure-sensitive adhesive tapes for electrical purposes - Part 2: Methods of test

**I.S. EN 60454-2:2007**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

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SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

*This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):*

*NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.*

*This document is based on:*

EN 60454-2:2007

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EUROPEAN STANDARD  
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EUROPÄISCHE NORM

**EN 60454-2**

September 2007

ICS 17.220.99; 29.035.20

Supersedes EN 60454-2:1995

English version

**Pressure-sensitive adhesive tapes for electrical purposes -  
Part 2: Methods of test  
(IEC 60454-2:2007)**

Rubans adhésifs sensibles  
à la pression à usages électriques -  
Partie 2: Méthodes d'essai  
(CEI 60454-2:2007)

Selbstklebende Bänder  
für elektrotechnische Anwendungen -  
Teil 2: Prüfverfahren  
(IEC 60454-2:2007)

This European Standard was approved by CENELEC on 2007-09-01. 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, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the 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 15/377/FDIS, future edition 3 of IEC 60454-2, prepared by IEC TC 15, Solid electrical insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60454-2 on 2007-09-01.

This European Standard supersedes EN 60454-2:1995.

This revision includes improved text regarding the flame test (Clause 20), improved text on adhesion (Clause 11) and new Figures 9a and 9b.

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) 2008-06-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2010-09-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 60454-2:2007 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**

The following referenced documents are indispensable for the application of this document. 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>
-	-	Self-adhesive tapes - Determination of peel adhesion properties	EN 1939	2003
IEC 60216-1	2001	Electrical insulating materials - Properties of thermal endurance - Part 1: Ageing procedures and evaluation of test results	EN 60216-1	2001
IEC 60216-2	2005	Electrical insulating materials - Thermal endurance properties - Part 2: Determination of thermal endurance properties of electrical insulating materials - Choice of test criteria	EN 60216-2	2005
IEC 60216-3	2006	Electrical insulating materials - Thermal endurance properties - Part 3: Instructions for calculating thermal endurance characteristics	EN 60216-3	2006
IEC 60243-1	1998	Electrical strength of insulating materials - Test methods - Part 1: Tests at power frequencies	EN 60243-1	1998
IEC 60426	2007	Electrical insulating materials - Determination of electrolytic corrosion caused by insulating materials - Test methods	EN 60426	2007
IEC 60454-3	Series	Pressure-sensitive adhesive tapes for electrical purposes - Part 3: Specifications for individual materials	EN 60454-3	Series
IEC 60589	1977	Methods of test for the determination of ionic impurities in electrical insulating materials by extraction with liquids	HD 381 S1	1979
ISO 383	1976	Laboratory glassware - Interchangeable conical ground joints	-	-
ISO 527-3	1995	Plastics - Determination of tensile properties - Part 3: Test conditions for films and sheets	EN ISO 527-3	1995
ISO 2194	1991	Industrial screens - Woven wire cloth, perforated plate and electroformed sheet - Designation and nominal sizes of openings	-	-
ISO 3071	2005	Textiles - Determination of pH of aqueous extract	EN ISO 3071	2006

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 3599	1976	Vernier callipers reading to 0,1 and 0,05 mm	-	-
ISO 10093	1998	Plastics - Fire tests - Standard ignition sources	EN ISO 10093	1998

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