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Self adhesive tapes — Determination of peel adhesion properties

Rubans auto-adhésifs — Détermination des caractéristiques du pouvoir adhésif linéaire



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Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 29862 was prepared by the European Committee for Standardization (CEN) (as EN 1939) and was adopted, under a special "fast-track procedure", by the ISO Technical Management Board (TMB), in parallel with its approval by the ISO member bodies.

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Foreword

This document (EN 1939:2003) has been prepared by Technical Committee CEN/TC 253, "Self adhesive tapes", the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2004 and conflicting national standards shall be withdrawn at the latest by January 2004.

In this European Standard the annexes A and B are normative.

This document supersedes EN 1443:1996.

This European Standard has been revised in conjunction with AFERA (Association of European self Adhesive tapes Manufacturers) in Europe and PSTC (Pressure Sensitive Tape Council) in USA with the purpose to produce a standard which will be acceptable in due course by ISO.

Key changes from EN 1939:1996 are:

- steel plates are revised to readily available, industry standard steel with a smoother surface finish;
- a lighter, rubber coated roller;
- dwell time before testing is more realistically specified at one minute;
- test data from the revised test will be generally lower than from EN 1939:1996.

NOTE The lower value obtained by the new method does not reflect any change in product performance.

The scope of the standard has also been extended to include:

- peel adhesion at an angle of 90°;
- peel adhesion of a liner to an adhesive tape.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.