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## Self adhesive tapes — Measurement of breaking strength and elongation at break

*Rubans auto-adhésifs — Mesure de la résistance à la rupture et de  
l'allongement à la rupture*

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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 11, *Products*.

This second edition cancels and replaces the first edition (ISO 29864:2007) of which it constitutes a minor revision.

The changes compared to the previous edition are as follows:

- the Introduction has been editorially revised;
- the normative references in [Clause 2](#) have been updated;
- a definition has been added for “self adhesive tape” in [Clause 3](#);
- the text has been editorially revised to comply with the most recent editing rules.

## Introduction

The breaking strength of adhesive tape is of value as an indication of its uniformity and quality, and its ability to withstand stresses during application and use.

The elongation at break of the adhesive tape is of value as an indication of its uniformity and quality as well as a rough indication of its ability to conform to curved and irregular surfaces. It is usually determined at the same time as the breaking strength.

The procedure specified in this document combines the determination of breaking strength and elongation at break.

Method A is the measurement of breaking strength and elongation at break of tapes other than filament tapes.

Method B is the measurement of breaking strength and elongation at break of filament reinforced tapes.

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