
Gumirane ali plastificirane tekstilije - Fizikalno in mehansko preskušanje - Ugotavljanje odpornosti proti upogibanju na fleksimetru (ISO 32100:2010)

Rubber- or plastics-coated fabrics - Physical and mechanical tests - Determination of flex resistance by the flexometer method (ISO 32100:2010)

Mit Kautschuk oder Kunststoff beschichtete Textilien - Physikalische und mechanische Prüfungen - Bestimmung der Dauerbiegefestigkeit nach dem Flexometer-Verfahren (ISO 32100:2010)

Supports textiles revêtus de caoutchouc ou de plastique - Essais physiques et mécaniques - Détermination de la résistance à la flexion à l'aide d'un flexomètre (ISO 32100:2010)

Ta slovenski standard je istoveten z: EN ISO 32100:2010

ICS:

19.060	Mehansko preskušanje	Mechanical testing
59.080.40	Površinsko prevlečene tekstilije	Coated fabrics

SIST EN ISO 32100:2012**en,fr,de**

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EUROPEAN STANDARD

EN ISO 32100

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2010

ICS 59.080.40

English Version

Rubber- or plastics-coated fabrics - Physical and mechanical tests - Determination of flex resistance by the flexometer method (ISO 32100:2010)

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This European Standard was approved by CEN on 10 December 2010.

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Foreword

This document (EN ISO 32100:2010) has been prepared by Technical Committee CEN/TC 248 "Textiles and textile products", the secretariat of which is held by BSI, in collaboration with Technical Committee ISO/TC 45 "Rubber and rubber products".

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of an identical text or by endorsement, at the latest by June 2011, and conflicting national standards shall be withdrawn at the latest by June 2011.

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**Rubber- or plastics-coated fabrics —
Physical and mechanical tests —
Determination of flex resistance by the
flexometer method**

*Supports textiles revêtus de caoutchouc ou de plastique — Essais
physiques et mécaniques — Détermination de la résistance à la flexion
à l'aide d'un flexomètre*

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ISO 32100:2010(E)

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 32100 was prepared by the European Committee for Standardization (CEN) in collaboration with ISO Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 4, *Products (other than hoses)*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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Rubber- or plastics-coated fabrics — Physical and mechanical tests — Determination of flex resistance by the flexometer method

1 Scope

This International Standard specifies a test method for determining the flex resistance of rubber- or plastics-coated fabrics in the folded condition. The test method is applicable only to products which can be clamped in the test apparatus used and to products with which the fold made in the test specimen can be caused to move back and forth along the specimen during the test.

The appearance of the test specimen, after completion of either the flex number (see 3.1) or a specified number of flex cycles, is taken as a measure of the flex resistance in the folded condition.

2 Normative references

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.

ISO 3, *Preferred numbers — Series of preferred numbers*
<http://standards.iso.org/iso/number/6591591d-935b-42f7-9722-1205e5bbf018/sist-en-iso-32100-2012>

ISO 2231:1989, *Rubber- or plastics-coated fabrics — Standard atmospheres for conditioning and testing*

ISO 2768-1, *General tolerances — Part 1: Tolerances for linear and angular dimensions without individual tolerance indications*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

flex number

number (agreed between the interested parties) of flex cycles to which the test specimen is subjected, the specimen being subsequently examined using a magnifying lens with $\times 6$ magnification to determine whether any damage or other visible change is observable

3.2

flex cycle

cycle comprising one forward and one backward (i.e. a complete to-and-fro) movement of the moveable clamp of the test apparatus