



**SLOVENSKI STANDARD**  
**SIST EN ISO 20932-1:2020**

**01-maj-2020**

**Nadomešča:**  
**SIST EN 14704-1:2005**

---

**Tekstilije - Ugotavljanje elastičnosti tkanin - 1. del: Preskusi traku (ISO 20932-1:2018)**

Textiles - Determination of the elasticity of fabrics - Part 1: Strip tests (ISO 20932-

Textilien - Bestimmung der Elastizität von textilen Flächengebilden - Teil 1:  
Streifenprüfungen (ISO 20932-1:2018)

Textiles - Détermination de l'élasticité des étoffes - Partie 1: Essais sur bande (ISO  
20932-1:2018)

[SIST EN ISO 20932-1:2020](https://standards.iteh.ai/catalog/standards/sist/99b9cce6-ae92-4366-9f12-51289e631826/sist-en-iso-20932-1-2020)  
<https://standards.iteh.ai/catalog/standards/sist/99b9cce6-ae92-4366-9f12-51289e631826/sist-en-iso-20932-1-2020>

**Ta slovenski standard je istoveten z: EN ISO 20932-1:2020**

---

**ICS:**

59.080.01      Tekstilije na splošno      Textiles in general

**SIST EN ISO 20932-1:2020**      en

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN ISO 20932-1:2020

<https://standards.iteh.ai/catalog/standards/sist/99b9cce6-ae92-4366-9f12-51289e631826/sist-en-iso-20932-1-2020>

EUROPEAN STANDARD

EN ISO 20932-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2020

ICS 59.080.30

Supersedes EN 14704-1:2005

English Version

## Textiles - Determination of the elasticity of fabrics - Part 1: Strip tests (ISO 20932-1:2018)

Textiles - Détermination de l'élasticité des étoffes -  
Partie 1: Essais sur bande (ISO 20932-1:2018)

Textilien - Bestimmung der Elastizität von textilen  
Flächengebilden - Teil 1: Streifenprüfungen (ISO  
20932-1:2018)

This European Standard was approved by CEN on 11 November 2019.

CEN 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 CEN-CENELEC Management Centre or to any CEN 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 CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents	Page
European foreword.....	3

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN ISO 20932-1:2020](https://standards.iteh.ai/catalog/standards/sist/99b9cce6-ae92-4366-9f12-51289e631826/sist-en-iso-20932-1-2020)  
<https://standards.iteh.ai/catalog/standards/sist/99b9cce6-ae92-4366-9f12-51289e631826/sist-en-iso-20932-1-2020>

## European foreword

The text of ISO 20932-1:2018 has been prepared by Technical Committee ISO/TC 38 "Textiles" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 20932-1:2020 by Technical Committee CEN/TC 248 "Textiles and textile products" the secretariat of which is held by BSI.

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 August 2020, and conflicting national standards shall be withdrawn at the latest by August 2020.

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

This document supersedes EN 14704-1:2005.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

**iTeh STANDARD PREVIEW**

**(standards.iteh.ai)**

**Endorsement notice**

The text of ISO 20932-1:2018 has been approved by CEN as EN ISO 20932-1:2020 without any modification.

SIST EN ISO 20932-1:2020  
<https://standards.iteh.ai/catalog/standards/sist/99b9ccc6-ac92-4366-9112-51289e631826/sist-en-iso-20932-1-2020>

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN ISO 20932-1:2020](#)

<https://standards.iteh.ai/catalog/standards/sist/99b9cce6-ae92-4366-9f12-51289e631826/sist-en-iso-20932-1-2020>

INTERNATIONAL  
STANDARD

ISO  
20932-1

First edition  
2018-11

---

---

**Textiles — Determination of the  
elasticity of fabrics —**

**Part 1:  
Strip tests**

*Textiles — Détermination de l'élasticité des étoffes —*

*Partie 1: Essais sur bande*

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN ISO 20932-1:2020](https://standards.iteh.ai/catalog/standards/sist/99b9cce6-ae92-4366-9f12-51289e631826/sist-en-iso-20932-1-2020)

<https://standards.iteh.ai/catalog/standards/sist/99b9cce6-ae92-4366-9f12-51289e631826/sist-en-iso-20932-1-2020>



Reference number  
ISO 20932-1:2018(E)

© ISO 2018

## iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 20932-1:2020

<https://standards.iteh.ai/catalog/standards/sist/99b9cce6-ae92-4366-9f12-51289e631826/sist-en-iso-20932-1-2020>



### **COPYRIGHT PROTECTED DOCUMENT**

© ISO 2018

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Fax: +41 22 749 09 47  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

Published in Switzerland



# Contents

Page

<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Principle</b> .....	<b>3</b>
<b>5 Sampling</b> .....	<b>3</b>
<b>6 Apparatus</b> .....	<b>4</b>
<b>7 Atmosphere for conditioning and testing</b> .....	<b>5</b>
<b>8 Preparation of test specimens</b> .....	<b>5</b>
8.1 General.....	5
8.2 Test specimen preparation.....	5
8.2.1 Woven fabrics.....	5
8.2.2 Knitted fabrics.....	6
8.2.3 Nonwoven fabrics.....	7
<b>9 Procedure</b> .....	<b>8</b>
9.1 Woven and nonwoven fabrics (other than knitted).....	8
9.1.1 Method A — Strip test specimens.....	8
9.1.2 Method B — Loop test specimens.....	8
9.2 Knitted fabrics.....	8
9.2.1 Method A — Strip test specimens.....	8
9.2.2 Method B — Loop test specimens.....	9
9.3 Operation.....	9
<b>10 Recording</b> .....	<b>10</b>
<b>11 Expressions and calculations of test results</b> .....	<b>10</b>
<b>12 Test report</b> .....	<b>11</b>
<b>Annex A (informative) Example of a typical cycling graph</b> .....	<b>13</b>
<b>Annex B (informative) Procedure for sampling</b> .....	<b>14</b>
<b>Annex C (informative) Clamping and holding devices</b> .....	<b>15</b>
<b>Annex D (informative) Example of a pattern for cutting test specimens from a laboratory sample</b> .....	<b>17</b>
<b>Bibliography</b> .....	<b>18</b>

## ISO 20932-1:2018(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.

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)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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). (standards.iteh.ai)

This document was prepared by Technical Committee ISO/TC 38, *Textiles*, Subcommittee SC 24, *Conditioning atmospheres and physical tests for textile fabrics*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

A list of all parts in the ISO 20932 series can be found on the ISO website.

## Introduction

This document was developed as a result of technical advancements in yarn and fabric structures and properties, which increase product range and developments.

This document is based on EN 14704-1[1].

## iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 20932-1:2020](https://standards.iteh.ai/catalog/standards/sist/99b9cce6-ae92-4366-9f12-51289e631826/sist-en-iso-20932-1-2020)

<https://standards.iteh.ai/catalog/standards/sist/99b9cce6-ae92-4366-9f12-51289e631826/sist-en-iso-20932-1-2020>

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN ISO 20932-1:2020

<https://standards.iteh.ai/catalog/standards/sist/99b9cce6-ae92-4366-9f12-51289e631826/sist-en-iso-20932-1-2020>