

Footwear - Test methods for slide fasteners - Resistance to damage during closure under a lateral force (ISO 18403:2016)

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 18403:2016 sisaldab Euroopa standardi EN ISO 18403:2016 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 18403:2016 consists of the English text of the European standard EN ISO 18403:2016.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 18.05.2016.	Date of Availability of the European standard is 18.05.2016.
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ICS 61.060

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English Version

Footwear - Test methods for slide fasteners - Resistance to  
damage during closure under a lateral force (ISO  
18403:2016)

Chaussures - Méthodes d'essai des fermetures à  
glissière - Résistance à l'endommagement en cas de  
fermeture avec application d'une force de traction  
latérale (ISO 18403:2016)

Schuhe - Prüfverfahren für Reißverschlüsse -  
Widerstand gegen Beschädigung während des  
Schließens mit einer Lateralkraft (ISO 18403:2016)

This European Standard was approved by CEN on 15 April 2016.

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

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## European foreword

This document (EN ISO 18403:2016) has been prepared by Technical Committee ISO/TC 216 “Footwear” in collaboration with Technical Committee CEN/TC 309 “Footwear” the secretariat of which is held by AENOR.

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of an identical text or by endorsement, at the latest by November 2016, and conflicting national standards shall be withdrawn at the latest by November 2016.

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

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### Endorsement notice

The text of ISO 18403:2016 has been approved by CEN as EN ISO 18403:2016 without any modification.

<b>Contents</b>		<b>Page</b>
<b>Foreword</b> .....		<b>iv</b>
<b>1</b>	<b>Scope</b> .....	<b>1</b>
<b>2</b>	<b>Normative references</b> .....	<b>1</b>
<b>3</b>	<b>Terms and definitions</b> .....	<b>1</b>
<b>4</b>	<b>Principle</b> .....	<b>3</b>
<b>5</b>	<b>Apparatus and materials</b> .....	<b>3</b>
<b>6</b>	<b>Test specimens</b> .....	<b>4</b>
<b>7</b>	<b>Procedure</b> .....	<b>4</b>
<b>8</b>	<b>Test report</b> .....	<b>5</b>

## 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)).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

ISO 18403 was prepared by the European Committee Standardization (CEN) Technical Committee CEN/TC 309, *Footwear*, in collaboration with ISO Technical Committee TC 216, *Footwear*, in accordance with the agreement on technical cooperation between ISO and CEN (Vienna Agreement).

# Footwear — Test methods for slide fasteners — Resistance to damage during closure under a lateral force

## 1 Scope

This International Standard specifies a test method intended to determine the maximum lateral force applied to a slide fastener for footwear under which it will close without failure. The method is applicable to all types of slide fastener.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 18454, *Footwear — Standard atmospheres for conditioning and testing of footwear and components of footwear*

ISO 19952, *Footwear — Vocabulary*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 19952 and the following apply.

### 3.1

#### **slide fastener**

means of securing two flexible materials consisting of interlockable teeth each attached to one of the opposing edges of two *tapes* (3.2) and movable slider that spans the interlocking teeth which when moved in one direction causes the *teeth* (3.5) of one tape to interlock with the teeth of the other tape

Note 1 to entry: When the *slider* (3.3) is moved in the opposite direction, it causes the teeth to disengage (see [Figure 1](#)).