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Footwear — Test methods for slide fasteners — Resistance to repeated opening and closing

Chaussures — Méthode d'essai pour les fermetures à glissière — Résistance aux ouvertures et fermetures répétées

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ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

Page

Foreword ..... **iv**
1 Scope **1**
2 Normative references **1**
3 Terms and definitions **1**
4 Principle **3**
5 Apparatus and materials **3**
6 Preparation of test specimens **4**
7 Procedure **5**
8 Test report **6**

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Foreword

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ISO 10751 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).

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Footwear — Test methods for slide fasteners — Resistance to repeated opening and closing

1 Scope

This International Standard describes a method intended to determine the resistance of a slide fastener to repeated opening and closing. The method is applicable to all types of slide fastener with a teeth length greater than 80 mm.

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*

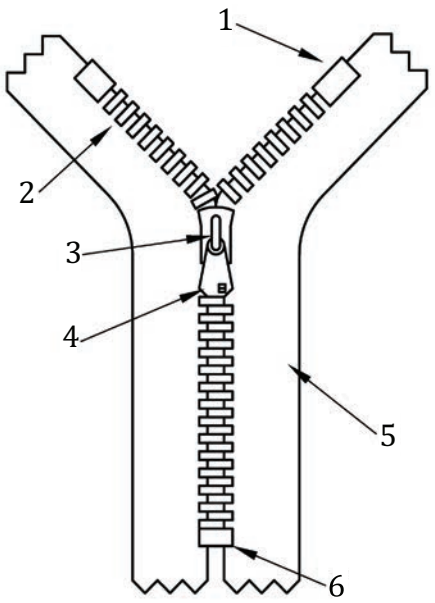
3 Terms and definitions

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).

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Key

1	top stop	4	puller
2	teeth	5	tape
3	slider	6	bottom stop

Figure 1 — Slide fastener

3.2
tape
fabric panels to support other *teeth* (3.5) of the *slide fastener* (3.1)

3.3
slider
means of drawing the two interlocking teeth together or apart as it traverses the length of the *teeth* (3.5)

3.4
puller
piece of plastic or metal attached to the *slider* (3.3) as a means of manual grip for the user to operate

3.5
teeth
individual component of the slide fastner or continuous plastic spiral which interlocks with an opposing element

3.6
end stop
top stop
terminal components of the teeth to prevent the *slider* (3.3) from disengaging from the *teeth* (3.5) and *tape* (3.2)

3.7
stringer
textile tape with an attached row of *teeth* (3.5) designed to interact with a row of similarly attached to another *tape* (3.2)

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