Footwear - Test methods for outsoles - Tensile strenght and elongation

Footwear - Test methods for outsoles - Tensile strenght and elongation

EESTI STANDARDI EESSÕNA **NATIONAL FOREWORD**

Käesolev Eesti standard EVS-EN 12803:2000 sisaldab Euroopa standardi EN 12803:2000 + AC:2002 ingliskeelset teksti. Käesolev dokument on jõustatud 08.08.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 12803:2000 consists of the English text of the European standard EN 12803:2000 + AC:2002. This document is endorsed on 08.08.2000 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.

Käsitlusala: This draft standard specifies a method for the determination of the tensile strenght and elongation of outsoles.	**Scope:** This draft standard specifies a method for the determination of the tensile strenght and elongation of outsoles.

ICS 61.060

Võtmesõnad:

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 12803

February 2000

ICS 61.060

English version

Footwear – Test methods for outsoles

Tensile strength and elongation

Chaussures – Méthodes d'essai applicables aux semelles d'usure – Résistance à la traction et allongement

Schuhe – Prüfverfahren für Laufsohlen – Zugfestigkeit und Längsdehnung

This European Standard was approved by CEN on 2000-01-01.

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 Central Secretariat or to any CEN member.

The European Standards exist 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

Ref. No. EN 12803 : 2000 E

Contents

Page

Foreword 2
1 Scope 3
2 Normative references 3
3 Definitions 3
4 Apparatus and material 3
5 Sampling and conditioning 5
6 Test method 6
7 Expression of results 6
8 Test report 7
Bibliography 7

Foreword

This European Standard has been prepared by 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 August 2000, and conflicting national standards shall be withdrawn at the latest by August 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European standard specifies a method for the determination of the tensile strength and elongation of outsoles.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 10002-2	*Metallic materials – Tensile testing – Part 2: Verification of the force measuring system of the tensile testing machines.*
EN 12222	*Footwear – Standard atmospheres for conditioning and testing of footwear and components for footwear.*
prEN 13400:1998	*Footwear – Sampling location of components for footwear.*
ISO 4661-1	*Rubber, vulcanized or thermoplastic – Preparation of samples and test pieces – Part 1: Physical tests.*

3 Definitions

For the purposes of this standard the following definitions apply:

3.1
tensile strength
the tensile stress at maximum force

3.2
elongation at break
the relative increase in length when subjected to the tension just required to rupture it

3.3
stress at a given elongation
the tensile stress in the test length required to produce a given elongation

4 Apparatus and material

The following apparatus and material shall be used:

4.1 Dies and cutters

All dies and cutters used shall be in accordance with ISO 4661-1.

Dies for preparation of dumb-bells shall have the dimensions given in table 1 and figure 1. The departure from parallelism at any point along the width of the narrow portion of the die shall nowhere exceed 0,05 mm.