



NSAI
Standards

Irish Standard
I.S. EN 13400:2002

Footwear - Sampling location, preparation and duration of conditioning of samples and test pieces

I.S. EN 13400:2002

Incorporating amendments/corrigenda issued since publication:

EN 13400:2001/AC:2003

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I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation - recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

<i>This document replaces:</i>	<i>This document is based on:</i> EN 13400:2001	<i>Published:</i> 12 January, 2002
This document was published under the authority of the NSAI and comes into effect on: 12 January, 2002		ICS number: 61.060
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Údarás um Chaighdeáin Náisiúnta na hÉireann		

English version
Version Française
Deutsche Fassung

Footwear - Sampling location, preparation and duration of conditioning of samples and test pieces

Chaussure - Localisation de l'échantillonnage, préparation et durée de conditionnement des échantillons et éprouvettes

Schuhe - Lage der Stellen für die Probenahme an Bestandteilen von Schuhwerk

This corrigendum becomes effective on 17 December 2003 for incorporation in the three official language versions of the EN.

Ce corrigendum prendra effet le 17 décembre 2003 pour incorporation dans les trois versions linguistiques officielles de l'EN.

Die Berichtigung tritt am 17. Dezember 2003 zur Einarbeitung in die drei offiziellen Sprachfassungen der EN in Kraft.



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

English version

2 Normative references

Correct the title of EN 13511 to read:

EN 13511, Footwear — Test methods for uppers — Resistance to damage on lastings.

5.1 Sampling of uppers, outsoles, insoles, insocks and linings

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- In Table 1, for High temperature resistance, replace 160 x 35 with $(160 \pm 10) \times (35 \pm 2)$ and $(160 \pm 10) \times (35 \pm 2)$ with $(160 \pm 10) \times (25 \pm 0,5)$.
- In Table 1, for Tensile strength and elongation, replace 160 x 35 with $(160 \pm 10) \times (35 \pm 2)$ and $(160 \pm 10) \times (35 \pm 2)$ with $(160 \pm 10) \times (25 \pm 0,5)$.

Version française

4.1 Echantillonnage des tiges, semelles, premières de montage, premières de propreté et doublures

- Dans le Tableau 1, pour Résistance aux hautes températures, remplacer 160 x 35 par $(160 \pm 10) \times (35 \pm 2)$ et $(160 \pm 10) \times (35 \pm 2)$ par $(160 \pm 10) \times (25 \pm 0,5)$.
- Dans le Tableau 1, pour Résistance à la traction et allongement, remplacer 160 x 35 par $(160 \pm 10) \times (35 \pm 2)$ et $(160 \pm 10) \times (35 \pm 2)$ par $(160 \pm 10) \times (25 \pm 0,5)$.

ICS 61.060

English version

Footwear - Sampling location, preparation and duration of conditioning of samples and test pieces

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This European Standard was approved by CEN on 29 September 2001.

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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 Management Centre has the same status as the official versions.

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Contents

	page
Foreword.....	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions.....	6
4 Definition of the reference system	6
4.1 Location of X axis (See Figure 1)	6
4.2 Location of Y axis (See Figure 2)	7
5 Sampling location	7
5.1 Sampling of uppers, outsoles, insoles, insoles and linings	7
5.2 Sampling of shanks, toe puff and stiffeners	7
Bibliography	14

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 May 2002, and conflicting national standards shall be withdrawn at the latest by May 2002.

This standard contains a Bibliography.

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.

Introduction

CEN/TC 309 has established European Standards on test methods to determine the properties of components for or from footwear. To use correctly these standards, the sampling location is clearly defined.

The test methods need sample taking on the shoe or on the shoe component. It is necessary:

- to integrate in standards realistic and compatible sample size with footwear;
- to define footwear axis to have a system of reference for sampling;
- to have a conditioning time (see EN 12222) before the analysis beginning.

1 Scope

This European Standard specifies the sampling location, preparation and duration of conditioning of samples and test pieces for footwear components and footwear, to carry out the test methods needed to determine the suitable properties for the end use.

These are the general conditions unless otherwise stated in the corresponding test method.

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 (including amendments).

EN 1392, *Adhesives for leather and footwear materials - Solvent-based and dispersion adhesives - Test methods for measuring the bond strength under specified conditions.*

EN 12743, *Footwear - Test methods for outsoles - Compression energy.*

EN 12744, *Footwear - Test methods for insoles - Delamination resistance.*

EN 12745, *Footwear - Test methods for insoles - Heel pin holding strength.*

EN 12746, *Footwear - Test methods for insoles and insocks - Water absorption and desorption.*

EN 12747, *Footwear - Test methods for insoles - Abrasion resistance.*

EN 12748, *Footwear - Test methods for outsoles, insoles, lining and insocks - Water soluble content.*

EN 12770, *Footwear - Test methods for outsoles - Abrasion resistance.*

EN 12771, *Footwear - Test methods for outsoles - Tear strength.*

EN 12772, *Footwear - Test methods for outsoles - Dimensional stability.*

EN 12773, *Footwear - Test methods for outsoles - Needle tear strength.*

EN 12774, *Footwear - Test methods for outsoles - Determination of split tear strength and delamination resistance.*

EN 12782, *Footwear - Test methods for insoles - Resistance to stitch tear.*

EN 12800, *Footwear - Test methods for insoles - Dimensional stability.*

EN 12801, *Footwear - Test methods for insoles, lining and insocks - Perspiration resistance.*

EN 12803, *Footwear - Test methods for outsoles - Tensile strength and elongation.*

EN 12826, *Footwear - Test methods for lining and insocks - Static friction.*

EN 13511, *Footwear - Test methods for uppers – Lastability.*

EN 13512, *Footwear - Test methods for uppers and lining - Flex resistance.*

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