



**SLOVENSKI STANDARD
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Osebna varovalna oprema - Metode preskušanja obutve (ISO 20344:2021)

Personal protective equipment - Test methods for footwear (ISO 20344:2021)

Persönliche Schutzausrüstung - Prüfverfahren für Schuhe (ISO 20344:2021)

Équipement de protection individuelle - Méthodes d'essai pour les chaussures (ISO 20344:2021)

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Ta slovenski standard je istoveten z: EN ISO 20344:2021

[SIST EN ISO 20344:2022](#)

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ICS:

13.340.50 Varovanje nog in stopal Leg and foot protection

SIST EN ISO 20344:2022

en

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EUROPEAN STANDARD

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Personal protective equipment - Test methods for footwear (ISO 20344:2021)

Équipement de protection individuelle - Méthodes
d'essai pour les chaussures (ISO 20344:2021)

Persönliche Schutzausrüstung - Prüfverfahren für
Schuhe (ISO 20344:2021)

This European Standard was approved by CEN on 10 October 2021.

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Contents	Page
European foreword.....	3

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European foreword

This document (EN ISO 20344:2021) has been prepared by Technical Committee ISO/TC 94 "Personal safety -- Personal protective equipment" in collaboration with Technical Committee CEN/TC 161 "Foot and leg protectors" 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of an identical text or by endorsement, at the latest by May 2022, and conflicting national standards shall be withdrawn at the latest by May 2022.

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 ISO 20344:2011.

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INTERNATIONAL
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ISO
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Third edition
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**Personal protective equipment — Test
methods for footwear**

*Équipement de protection individuelle — Méthodes d'essai pour les
chaussures*

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Contents

	Page
Foreword.....	viii
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	2
4 General testing parameters.....	2
4.1 Sampling.....	2
4.2 Conditioning before and during the test.....	3
4.3 Prerequisites on the testing procedure.....	3
4.4 Test report.....	3
5 Test methods for whole footwear.....	6
5.1 Specific ergonomic features.....	6
5.1.1 Sampling and conditioning.....	6
5.1.2 Test method.....	7
5.1.3 Test report.....	7
5.2 Determination of upper/outsole and sole interlayer bond strength.....	8
5.2.1 Principle.....	8
5.2.2 Test equipment.....	8
5.2.3 Sampling and conditioning.....	8
5.2.4 Test method.....	8
5.2.5 Test report.....	12
5.3 Determination of dimensions of toecap.....	12
5.3.1 Sampling and conditioning.....	12
5.3.2 Test method.....	12
5.3.3 Test report.....	12
5.4 Determination of impact resistance.....	12
5.4.1 Test equipment.....	12
5.4.2 Sampling and conditioning.....	16
5.4.3 Test methods.....	16
5.4.4 Test report.....	18
5.5 Determination of compression resistance.....	18
5.5.1 Test equipment.....	18
5.5.2 Sampling and conditioning.....	18
5.5.3 Test method.....	18
5.5.4 Test report.....	19
5.6 Behaviour of toecaps (thermal and chemical).....	20
5.6.1 Sampling and conditioning.....	20
5.6.2 Behaviour of toecaps (thermal and chemical).....	20
5.7 Determination of leak proofness.....	21
5.7.1 Test equipment.....	21
5.7.2 Sampling and conditioning.....	21
5.7.3 Test method.....	21
5.7.4 Test report.....	21
5.8 Dimensions of perforation resistant inserts.....	21
5.8.1 Sampling and conditioning.....	21
5.8.2 Test method.....	22
5.8.3 Test report.....	22
5.9 Determination of the perforation resistance of footwear with a metallic perforation resistant insert.....	23
5.9.1 Test equipment.....	23
5.9.2 Sampling and conditioning.....	23
5.9.3 Test method.....	24
5.9.4 Test report.....	24

ISO 20344:2021(E)

5.10	Determination of the perforation resistance of footwear with a non-metallic perforation resistant insert.....	24
5.10.1	General.....	24
5.10.2	Test equipment.....	24
5.10.3	Sampling and conditioning.....	24
5.10.4	Test method.....	25
5.10.5	Test report.....	27
5.11	Behaviour of perforation resistant inserts (thermal and chemical).....	28
5.11.1	Sampling and conditioning.....	28
5.11.2	Behaviour of perforation resistant inserts (thermal and chemical).....	29
5.11.3	Test report.....	29
5.12	Determination of the flex resistance of perforation-resistant inserts.....	29
5.12.1	Sampling and conditioning.....	29
5.12.2	Test method.....	29
5.12.3	Test report.....	29
5.13	Determination of electrical resistance.....	30
5.13.1	Principle.....	30
5.13.2	Test equipment.....	30
5.13.3	Sampling and conditioning.....	30
5.13.4	Test method.....	31
5.13.5	Test report.....	31
5.14	Determination of footwear slip resistance.....	31
5.14.1	Sampling and conditioning.....	31
5.14.2	Test method.....	31
5.14.3	Test report.....	32
5.15	Determination of insulation against heat.....	32
5.15.1	Test equipment.....	32
5.15.2	Sampling and conditioning.....	33
5.15.3	Test method.....	33
5.15.4	Test report.....	33
5.16	Determination of insulation against cold.....	34
5.16.1	Test equipment.....	34
5.16.2	Sampling and conditioning.....	34
5.16.3	Test method.....	35
5.16.4	Test report.....	36
5.17	Determination of energy absorption of the seat region.....	36
5.17.1	Test equipment.....	36
5.17.2	Sampling and conditioning.....	38
5.17.3	Test method.....	38
5.17.4	Test report.....	38
5.18	Determination of resistance to water for whole footwear: trough test.....	38
5.18.1	Principle.....	38
5.18.2	Test equipment.....	38
5.18.3	Sampling and conditioning.....	39
5.18.4	Test method.....	39
5.18.5	Test report.....	40
5.19	Determination of resistance to water for whole footwear: dynamic test.....	40
5.19.1	Principle.....	40
5.19.2	Test equipment.....	40
5.19.3	Sampling and conditioning.....	40
5.19.4	Test method.....	40
5.19.5	Test report.....	42
5.20	Determination of impact resistance of a metatarsal protection.....	42
5.20.1	Test equipment.....	42
5.20.2	Sampling and conditioning.....	45
5.20.3	Test method.....	46
5.20.4	Test report.....	47
5.21	Determination of the dimension of the ankle protection.....	47

5.21.1	Sampling and conditioning	47
5.21.2	Test method	47
5.21.3	Test report	48
5.22	Determination of the shock absorption capacity of ankle protection materials incorporated into the upper	48
5.22.1	Principle	48
5.22.2	Test equipment	49
5.22.3	Sampling and conditioning	50
5.22.4	Test method	50
5.22.5	Test report	50
5.23	Determination of cutting resistance	51
5.23.1	Sampling and conditioning	51
5.23.2	Dimension of the cut resistant protective area	51
5.23.3	Test method	52
5.23.4	Test report	52
5.24	Scuff caps	52
5.24.1	Sampling and conditioning	52
5.24.2	Test method for the abrasion resistance of the scuff caps	52
5.24.3	Test report	52
5.25	Determination of seam strength	53
5.25.1	Sampling and conditioning	53
5.25.2	Test method	53
5.25.3	Test report	53
6	Test methods for upper, lining and tongue	53
6.1	Determination of thickness of upper	53
6.1.1	Sampling and conditioning	53
6.1.2	Test method	53
6.1.3	Test report	53
6.2	Measurement of the height of the upper	53
6.2.1	Sampling and conditioning	53
6.2.2	Test method for the complete upper	54
6.2.3	Test method for the determination of the area for non-water vapour permeable materials	54
6.3	Determination of tear strength of the upper, lining and/or tongue	56
6.3.1	Sampling and conditioning	56
6.3.2	Test method	56
6.3.3	Test report	57
6.4	Determination of the tensile properties of the upper material	57
6.4.1	Sampling and conditioning	57
6.4.2	Test method	57
6.4.3	Test report	58
6.5	Determination of upper flexing resistance	58
6.5.1	Sampling and conditioning	58
6.5.2	Test method	58
6.5.3	Test report	61
6.6	Determination of water vapour permeability (WVP)	61
6.6.1	Principle	61
6.6.2	Sampling and conditioning	61
6.6.3	Pre-treatment test method	61
6.6.4	WVP measurement	61
6.6.5	Test report	61
6.7	Determination of water vapour absorption (WVA)	62
6.7.1	Principle	62
6.7.2	Test equipment	62
6.7.3	Sampling and conditioning	62
6.7.4	Test method	62
6.7.5	Test report	64
6.8	Determination of water vapour coefficient (WVC)	64

ISO 20344:2021(E)

6.8.1	Calculation of WVC.....	64
6.8.2	Test report.....	64
6.9	Determination of pH value.....	64
6.9.1	Sampling and conditioning.....	64
6.9.2	Test method.....	65
6.9.3	Test report.....	65
6.10	Determination of resistance to hydrolysis of upper.....	65
6.10.1	Sampling and conditioning.....	65
6.10.2	Test method.....	65
6.10.3	Test report.....	65
6.11	Determination of chromium VI content.....	65
6.11.1	Sampling and conditioning.....	65
6.11.2	Test method.....	65
6.11.3	Test report.....	66
6.12	Determination of abrasion resistance of lining and insock.....	66
6.12.1	Principle.....	66
6.12.2	Test equipment.....	66
6.12.3	Sampling and conditioning.....	67
6.12.4	Test method.....	67
6.12.5	Test report.....	68
6.13	Determination of water penetration and water absorption for upper.....	69
6.13.1	Principle.....	69
6.13.2	Test equipment.....	69
6.13.3	Sampling and conditioning.....	69
6.13.4	Test method.....	69
6.13.5	Test report.....	70
7	Test methods for insole, insock and footbed.....	71
7.1	Determination of insole, insock and footbed thickness.....	71
7.1.1	Sampling and conditioning.....	71
7.1.2	Test method.....	71
7.1.3	Test report.....	71
7.2	Determination of water absorption and desorption of insole and/or insock.....	71
7.2.1	Principle.....	71
7.2.2	Test equipment.....	71
7.2.3	Sampling and conditioning.....	72
7.2.4	Test method.....	72
7.2.5	Test report.....	73
7.3	Determination of abrasion resistance of insole.....	73
7.3.1	Principle.....	73
7.3.2	Test equipment.....	73
7.3.3	Sampling and conditioning.....	74
7.3.4	Test method.....	74
7.3.5	Test report.....	75
8	Test methods for outsole.....	75
8.1	General remarks.....	75
8.2	Determination of outsole dimensions.....	75
8.2.1	Sampling and conditioning.....	75
8.2.2	Determination of the cleated area.....	75
8.2.3	Outsole thickness and cleat height.....	76
8.2.4	Determination of cleat design in the waist area.....	78
8.3	Determination of tear strength of outsole.....	79
8.3.1	Sampling and conditioning.....	79
8.3.2	Test method.....	79
8.3.3	Test report.....	79
8.4	Determination of outsole abrasion resistance.....	79
8.4.1	Sampling and conditioning.....	79
8.4.2	Test method.....	79

8.4.3	Test report.....	79
8.5	Determination of footwear rigidity.....	79
8.5.1	Principle.....	79
8.5.2	Test equipment.....	80
8.5.3	Sampling and conditioning.....	80
8.5.4	Test method.....	80
8.5.5	Test report.....	82
8.6	Determination of flexing resistance of outsole.....	82
8.6.1	Principle.....	82
8.6.2	Test equipment.....	82
8.6.3	Sampling and conditioning.....	82
8.6.4	Test method.....	82
8.6.5	Test report.....	84
8.7	Determination of resistance to hydrolysis of outsole.....	84
8.7.1	Sampling and conditioning.....	84
8.7.2	Test method.....	84
8.7.3	Test report.....	84
8.8	Determination of resistance to fuel oil.....	84
8.8.1	Sampling and conditioning.....	84
8.8.2	Test methods.....	85
8.8.3	Test report.....	85
8.9	Determination of resistance to hot contact.....	85
8.9.1	Test equipment.....	85
8.9.2	Sampling and conditioning.....	88
8.9.3	Test methods.....	88
8.9.4	Test report.....	89
Annex A (informative) Assessment of footwear by the laboratory during testing of thermal behaviour.....		90
Annex B (informative) Footwear sizes.....		93
Bibliography.....		94
https://standards.iteh.ai/catalog/standards/sist/a69762e5-93aa-45c7-9d57-8f64482968b3/sist-en-iso-20344-2022		

ISO 20344:2021(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).

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This document was prepared by Technical Committee ISO/TC 94 *Personal safety – Personal protective equipment*, Subcommittee SC 3, *Footwear*.

This second edition cancels and replaces the first edition (ISO 20344:2011), which has been technically revised.

The main changes compared to the previous edition are as follows:

- for each test same organisation (1 principle 2 test equipment's 3 sampling and conditioning 4 test method 5 test report);
- systematic inclusion of a clause test report in all the test methods;
- changes in [Table 1](#), minimum number of samples and test pieces;
- several tests are not described anymore in this standard but in the corresponding standard, reference is made to specific standards (ISO 22649, ISO 11640, ISO 17707, etc...);
- all reference standards are dated in [Clause 2](#);
- new standards are taken into account (ISO 17075-1 and ISO 17075-2, ISO 22568-1 to ISO 22568-4);
- conditioning changed from 48 h to 24 h in [4.2](#);
- slip resistance, New test condition in [5.14](#);
- non-metallic perforation resistant insert, reference to the new ISO 22568-4 in [5.10](#);
- new drawing for impact test in [5.4](#);
- new detection of water resistance in [5.18.4](#);
- new detection of water resistance in [5.19.4](#);

- clarification in the position and the dimension of the ankle protection in [5.21.2](#);
- new tests for scuff caps, in [5.24](#);
- new tests for seam strength in [5.25](#);
- determination of the area for non-water vapour permeable material in [6.2.3](#);
- new measurement of cleats height in the waist area in [8.2.4](#);
- new [Annex A](#) with new drawings of footwear degradations;
- new [Annex B](#) added with new system of sizing;

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