



BSI Standards Publication

Personal protective equipment — Safety footwear

National foreword

This British Standard is the UK implementation of EN ISO 20345:2022. It is identical to ISO 20345:2021. It supersedes BS EN ISO 20345:2011, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PH/1, Safety, protective and occupational footwear.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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UK Government is responsible for legislation. For information on legislation and policies relating to that legislation, consult the relevant pages of www.gov.uk.

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EUROPÄISCHE NORM

EN ISO 20345

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ICS 13.340.50

Supersedes EN ISO 20345:2011

English Version

**Personal protective equipment - Safety footwear (ISO
20345:2021)**

Équipement de protection individuelle - Chaussures de
sécurité (ISO 20345:2021)

Persönliche Schutzausrüstung - Sicherheitsschuhe (ISO
20345:2021)

This European Standard was approved by CEN on 30 December 2021.

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European foreword

This document (EN ISO 20345:2022) 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of an identical text or by endorsement, at the latest by September 2022, and conflicting national standards shall be withdrawn at the latest by March 2023.

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 20345:2011.

This document has been prepared under a Standardization Request given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s) / Regulation(s).

For the relationship with EU Directive(s) / Regulation(s), see informative Annex ZA, which is an integral part of this document.

Any feedback and questions on this document should be directed to the users' national standards body/national committee. A complete listing of these bodies can be found on the CEN website.

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Endorsement notice

The text of ISO 20345:2021 has been approved by CEN as EN ISO 20345:2022 without any modification.

Annex ZA (informative)

Relationship between this European Standard and the essential requirements of PPE Regulation (EU) 2016/425 aimed to be covered

This European Standard has been prepared under a Commission's standardization request M/571 to provide one voluntary means of conforming to essential requirements of REGULATION (EU) 2016/425 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

Once this standard is cited in the Official Journal of the European Union under that REGULATION (EU) 2016/425, compliance with the normative clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding essential requirements of that Regulation, and associated EFTA regulations.

Table ZA.1 — Correspondence between this European Standard and Annex II of REGULATION (EU) 2016/425

ESSENTIAL HEALTH AND SAFETY REQUIREMENTS of REGULATION (EU) 2016/425	Clause(s)/sub-clause(s) of this EN ISO	Remarks/Notes
General requirements applicable to all PPE		
1.1.1 Ergonomics	5.3.4	
1.1.2.1 Optimum level of protection	5.3.4	
1.2.1 Absence of inherent risks and other nuisance factors	5.3.4	
1.2.1.1 Suitable constituent materials	5.3.6	
1.2.1.2 Satisfactory surface condition of all PPE parts in contact with the user	5.3.4	
1.2.1.3 Maximum permissible user impediment	5.3.4	
1.3.1 Adaptation of PPE to user morphology	5.3.4	
1.3.2 Lightness and strength	5.3.1.2, 5.4.3, 5.4.4, 5.4.5, 5.5.2, 5.6.2, 5.8.3, 5.8.4, 5.8.6, 6.2.7, 6.2.8	
1.4 Manufacturer's instructions and information	Clause 8	
2.2 PPE enclosing the parts of the body to be protected	5.4.6, 5.5.4, 5.7.3	
2.4 PPE subject to ageing	Clause 7 and Clause 8	
2.6 PPE for use in potentially explosive Atmospheres	6.2.2.1; 6.2.2.2	
2.12 PPE bearing one or more	6.1 Table 16, Clause 7	