



BSI Standards Publication

Protective equipment for use in ice hockey

Part 2: Head protectors for skaters

This is a preview of BS EN ISO 10256-2:2024. [Click here to purchase the full version from the ANSI store.](#)

National foreword

This British Standard is the UK implementation of EN ISO 10256-2:2024. It is identical to ISO 10256-2:2024. It supersedes BS EN ISO 10256-2:2018, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PH/6, Head protection.

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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Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 January 2025.

Amendments/corrigenda issued since publication

Date

Text affected

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English Version

Protective equipment for use in ice hockey - Part 2: Head protectors for skaters (ISO 10256-2:2024)

Équipements de protection destinés à être utilisés en hockey sur glace - Partie 2: Protections de tête pour les patineurs (ISO 10256-2:2024)

Schutzrüstung zum Gebrauch beim Eishockey - Teil 2: Kopfschutz für Eisläufer (ISO 10256-2:2024)

This European Standard was approved by CEN on 14 July 2024.

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN ISO 10256-2:2024) has been prepared by Technical Committee ISO/TC 83 "Sports and other recreational facilities and equipment" in collaboration with Technical Committee CEN/TC 158 "Head protection" the secretariat of which is held by SIS.

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of an identical text or by endorsement, at the latest by June 2025, and conflicting national standards shall be withdrawn at the latest by June 2025.

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 10256-2:2018.

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZA, which is an integral part of this document.

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Endorsement notice

The text of ISO 10256-2:2024 has been approved by CEN as EN ISO 10256-2:2024 without any modification.

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Annex ZA (informative)

Relationship between this European Standard and the essential requirements of Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment aimed to be covered

This European Standard has been prepared under a Commission's standardization request "M/571/C(2020) 7924 final" to provide one voluntary means of conforming to essential requirements of Annex II of Regulation (EU) 2016/425 of European Parliament and of the Council of 9 March 2016 on personal protective equipment.

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 (EU) 2016/425, and associated EFTA regulations.

Table ZA.1 — Correspondence between this European Standard and Regulation (EU) 2016/425

Essential Requirements of Regulation (EU) 2016/425	Clause(s)/subclause (s) of this EN	Remarks/Notes
1.1.1. Ergonomics	4.1	
1.1.2.1. Optimum level of protection	4.1	
1.2.1. Absence of inherent risks and other nuisance factors	4.1, 4.2.1	
1.2.1.1. Suitable constituent materials	4.2.1	
1.2.1.2. Satisfactory surface condition of all PPE parts in contact with the user	4.2.2	
1.2.1.3. Maximum permissible user impediment	4.6, 4.4.2, 4.4.3	
1.3.1. Adaptation of PPE to user morphology	4.1, 4.8.1	
1.4. Manufacturer's instructions and information	7, 8	
2.1. PPE incorporating adjustment systems	4.8.1	
2.2. PPE enclosing the parts of the body to be protected	4.4.3	
2.4. PPE subject to ageing	7, 8	
2.8. PPE for intervention in very dangerous situations		Not covered in this part
2.12. PPE bearing one or more identification or recognition marks directly or indirectly relating to health and safety	4.3, 7	
3.1.1. Impact caused by falling or ejected objects and collisions of parts of the body with an obstacle	4.7	

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WARNING 1 Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2 Other Union legislation may be applicable to the product(s) falling within the scope of this standard.

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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 document 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 83, *Sports and other recreational facilities and equipment*, Subcommittee SC 5, *Ice hockey equipment and facilities*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 158, *Head protection*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 10256-2:2016), which has been technically revised.

The main changes are as follows:

- [Clause 1](#) has been simplified by removing the list of requirements and test methods;
- [Clause 3](#) has been edited and re-ordered with new definitions added;
- [Clause 4](#) has been re-ordered and re-numbered to be aligned with the clauses in ISO 10256-1:2024;
- in [4.6](#) tolerances have been added; the measurement methodology has been changed to align with EN 13087-6:2012 and the requirement has been changed to align with other European protector standards;
- samples are now given in [Table 1](#); a sentence has been added in [5.1.2.1](#) to clarify that head protectors are to be tested without face or eye protectors;
- in [5.1.3](#), conditioning temperatures have been aligned with ISO 10256-1:2024, Clause 7;
- [5.2](#), [5.3](#) and [5.4](#) have been updated to include test procedures;
- apparatus for shock absorption testing has been moved to [Annex A](#) and [A.7.3](#) has been edited to clarify the system verification procedure;
- [Table 1](#) has been revised to include additional tests;
- [Figure 6](#) has been redrawn to include tolerances.

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Ice hockey is a high-speed, collision sport in which there is a risk of injury.

By playing this sport, participants accept the risk of serious injury, paralysis and/or death.

The intention of head protectors used in ice hockey is to reduce the frequency and severity of injuries to the head by distributing and dampening the force from impacts against the head protector and by counteracting penetration of objects.

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Protective equipment for use in ice hockey —

Part 2: Head protectors for skaters

1 Scope

This document specifies performance requirements and test methods for head protectors for use in ice hockey.

This document is applicable to head protectors worn by ice hockey players excluding goalkeepers and by referees.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 6487:2015, *Road vehicles — Measurement techniques in impact tests — Instrumentation*

ISO 10256-1:2024, *Protective equipment for use in ice hockey — Part 1: General requirements*

EN 960:2006, *Headforms for use in the testing of protective helmets*

EN 13087-6:2012, *Protective helmets — Test methods — Part 6: Field of vision*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 10256-1:2024 and the following apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at <https://www.iso.org/obp>

— IEC Electropedia: available at <https://www.electropedia.org/>

3.1

field of vision

extent of vision through the protector in the 'as worn' position

3.2

crack

condition in which there is a break in the *head protector* (3.5) through the full thickness of the material without complete separation of parts

3.3

fracturing

condition in which there is a complete separation of any part of the protector into pieces

3.4

retention system

system that secures the *head protector* (3.5) to the head by passing under the mandible in whole or in part when adjusted in accordance with manufacturer's instructions