International Standard

ISO 10256-4

Second edition
2024-07

Protective equipment for use in ice hockey —

Part 4: Head and face protectors for goalkeepers

Équipements de protection destinés à être utilisés en hockey sur glace —

Partie 4: Protections de tête et de visage pour les gardiens de but

Reference number
ISO 10256-4:2024(en)

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Published in Switzerland

Contents

Page

Foreword ..... **v**
Introduction ..... **vii**
1 Scope **1**
2 Normative references **1**
3 Terms and definitions **1**
4 Requirements **2**
4.1 Types of goalkeeper head and face protectors 2
4.2 Ergonomics 2
4.3 Innocuousness 3
4.3.1 Materials 3
4.3.2 Design 3
4.4 Markings and information 3
4.5 Protected area 3
4.5.1 Protected area of the head 3
4.5.2 Protected area of the face 3
4.6 Penetration (test blade/disk) 4
4.6.1 General 4
4.6.2 Type D1 4
4.6.3 Type D2 4
4.7 Puck impact resistance 4
4.7.1 Contact test 4
4.7.2 Toughness test 4
4.8 Field of vision 4
4.9 Shock-absorbing capacity 5
4.10 Retention system 5
4.10.1 Straps 5
4.10.2 Extensibility and strength 5
5 Test methods **5**
5.1 General 5
5.1.1 Tolerances 5
5.1.2 Samples 5
5.1.3 Conditioning 5
5.1.4 Placing and adjusting goalkeeper head and face protector 6
5.2 Ergonomics 6
5.3 Innocuousness 6
5.3.1 Materials 6
5.3.2 Design 6
5.4 Markings and information 6
5.5 Protected area (coverage) 6
5.5.1 Protected area of the head 6
5.5.2 Protected area of the face 6
5.6 Penetration 7
5.6.1 Penetration test over the protected area of the head 7
5.6.2 Penetration test over the protected area of the face 7
5.7 Puck impact resistance 7
5.8 Field of vision 7
5.9 Shock absorbing capacity 7
5.10 Retention system 7
6 Test report **8**
7 Markings **8**
7.1 Head protector (used with face protector for goalkeepers) 8
7.2 Face protector 8

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8 Information for users **8**

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Foreword

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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 10256-4:2016), which has been technically revised.

The main changes are as follows:

— Clause 1 has been modified to clarify that the standard only refers to head and face protectors for goalkeepers;

— Clause 3 has been expanded to include additional definitions;

— Clause 4 and Clause 5 have been revised to include types of goalkeeper head and face protectors;

— information on ergonomics (4.2 and 5.2), innocuousness (4.3 and 5.3), and markings (4.4 and 5.4) has been added;

— 4.7 and 5.7 have been revised to clarify puck impact resistance requirements and tests;

— 5.1.2 has been revised;

— in 5.1.4, a difference between head protector tests (5.1.4.2) and face protector tests (5.1.4.3) has been added;

— in 5.5, 5.6 and 5.7, test procedures have been revised;

— in 5.8 and 5.10 test procedures have been added;

— in Clause 6 requirements have been clarified;

— in Clause 7 requirements have been updated for head protector (7.1) and for the face protector (7.2) portions of the goalkeeper head and face protector;

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— Clause 8 has been expanded to provide more information regarding assembly and care of the product;

— Table 1 has been expanded to include the protocol and sequencing of all tests for the goalkeeper head and face protector;

— Figure 1 has been modified to illustrate the overlap of the face protector portion of goalkeeper head and face protector.

A list of all parts in the ISO 10256 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Introduction

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, or death.

This document addresses the unique demands and hazards associated with the position of ice hockey goalkeeper.

Two types of goalkeeper head and face protectors are designated. Performance requirements were determined after consideration of the state of the art of head and face protective design and manufacture.

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Protective equipment for use in ice hockey —

Part 4:
Head and face protectors for goalkeepers

1 Scope

This document specifies performance requirements and test methods for head and face protectors for use by ice hockey goalkeepers only.

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

ISO 10256-2:2024, *Protective equipment for use in ice hockey — Part 2: Head protectors for skaters*

ISO 10256-3:2024, *Protective equipment for use in ice hockey — Part 3: Face and eye protectors for skaters*

CSA Z262.6-14, *Specifications for Facially Featured Headforms*

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
head protector
device intended to reduce the risk of head injury to ice hockey participants

3.2
face protector
device intended to reduce the risk of injury to the eyes and face of ice hockey participants

3.3
attachment
protector that can be attached or removed by the user described in the manufacturer's documentation

3.4
fastening system
devices used to connect one or more attachments to the *head protector* (3.1)

3.5
chip
readily visible particle missing from the eye or *face protector* (3.2) with an area > 9 mm^2

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