International Standard

ISO 10256-1

Second edition
2024-07

# Protective equipment for use in ice hockey —

## Part 1: General requirements

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

*Partie 1: Exigences générales*



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# Foreword

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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 10256-1:2016), which has been technically revised.



The main changes are as follows:

— Clause 2 has been added;

— Clause 3 has been moved from Clause 2 and definitions have been edited and updated;

— 4.1 has been edited and updated to include requirements and references to test methods for verification;

— 4.2 has been edited and updated to include requirements for materials (4.2.1) and design (4.2.2) and reference to test methods for verification;

— in Clause 5, test methods have been added for ergonomics (5.1) and innocuousness (5.2) in order to verify their compliance;

— Clause 7 has been edited to clarify requirements for laboratory environment conditions (7.1) and ambient sample conditioning (7.2);

— Clause 8 requirements have been edited to include observations for defects and missing components, any damage after testing, as well as identification of the test equipment used in testing;

— Clause 9 has been edited to include requirements for year and month of manufacture, the manufacturer's or importer's full postal address, and alternate labelling requirements for the same;

— Clause 10 has been edited to include clarification regarding the language used and the intended use of the product;

— Figure 1 has been improved (orientation planes).

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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.

# 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 and/or death.

The intention of protective equipment for use in ice hockey is to reduce the frequency and severity of injuries to that part of the body for which the protector is intended. The protective function is intended to distribute and dampen the force of impact and to counteract the penetration of objects applied to the protector, and in the case of neck protectors, reduce the risk of lacerations.

Education in the proper use and fitting of protective equipment is critical to its performance.

Enforcement of the rules of play and consistent officiating are also essential for best performance of the protective equipment in reducing the risk of injury.