International Standard

ISO 10256-5

Second edition
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Protective equipment for use in ice hockey —

Part 5: Neck laceration protectors for use in ice hockey

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

Partie 5: Protections contre les lacérations du cou pour le hockey sur glace

Reference number
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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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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 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 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 162, *Protective clothing including hand and arm protection and lifejackets*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 10256-5:2017), which has been technically revised.

The main changes are as follows:

— update of definitions in Clause 3;

— 4.1 has been added to describe the two types of neck laceration protectors;

— 4.3.2 has been modified;

— in 4.6 a new requirement and test procedure for protector stability and recovery have been added;

— 4.7 has been modified to clarify cut resistance;

— 5.1.2.3 has been modified to clarify sample preparation;

— 5.5 has been modified to clarify protector stability and recovery;

— 5.6 has been modified to clarify cut resistance verification;

— in Clause 8, Table 2, the number of neck forms required was reduced, and a small neck form to include smaller protector sizes was added.

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.

The intention of neck protection used in ice hockey is to reduce the frequency and severity of lacerations to the neck. The protective function is such that the penetration of a skate blade is counteracted.

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Protective equipment for use in ice hockey —

Part 5:
Neck laceration protectors for use in ice hockey

1 Scope

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

This document is applicable to neck laceration protectors worn by

— ice hockey players, including goalkeepers, and

— referees.

This document does not address protection of the neck from the impact of pucks, sticks or other objects.

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 6330:2021, *Textiles — Domestic washing and drying procedures for textile testing*

ISO 13997, *Protective clothing — Mechanical properties — Determination of resistance to cutting by sharp objects*

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

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
neck form
solid or hollow object defined by its shape and size, used to support a *neck laceration protector* (3.5)

3.2
bib
part of a *neck laceration protector* (3.5) that lies over the anterior thoracic region

3.3
median plane
vertical plane that passes through the centre of the *neck form* (3.1) from front to back

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