



**ISO 10256-1**

**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*

**Second edition  
2024-07**

This is a preview of ISO 10256-1:2024. [Click here](#) to purchase the full version from the ANSI store.



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2024

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

Published in Switzerland

This is a preview of ISO 10256-1:2024. [Click here to purchase the full version from the ANSI store.](#)

<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>vi</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Requirements</b> .....	<b>2</b>
4.1 Ergonomics.....	2
4.2 Innocuousness.....	2
4.2.1 Materials.....	2
4.2.2 Design.....	2
4.3 Markings and information.....	3
<b>5 Test methods</b> .....	<b>3</b>
5.1 Ergonomic.....	3
5.2 Innocuousness.....	3
5.2.1 Materials.....	3
5.2.2 Design.....	3
5.3 Markings, information for users and markings durability.....	4
<b>6 Tolerances</b> .....	<b>4</b>
<b>7 Conditioning</b> .....	<b>4</b>
7.1 Laboratory environment.....	4
7.2 Ambient sample conditioning.....	4
7.3 Low temperature sample conditioning.....	4
7.4 Elevated temperature sample conditioning.....	4
<b>8 Test report</b> .....	<b>4</b>
<b>9 Markings</b> .....	<b>5</b>
<b>10 Information for users</b> .....	<b>5</b>
<b>Bibliography</b> .....	<b>7</b>

This is a preview of ISO 10256-1:2024. [Click here to purchase the full version from the ANSI store.](#)

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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](http://www.iso.org/directives)).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at [www.iso.org/patents](http://www.iso.org/patents). ISO shall not be held responsible for identifying any or all such patent rights.

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

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;

This is a preview of ISO 10256-1:2024. [Click here to purchase the full version from the ANSI store.](#)

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](http://www.iso.org/members.html).

This is a preview of ISO 10256-1:2024. [Click here to purchase the full version from the ANSI store.](#)

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.