

ICS 13.340.10; 97.220.20

English version

**Protective clothing - Hand, arm, leg, genital and neck protectors
for use in ice hockey - Protectors for players other than
goalkeepers - Requirements and test methods**

Vêtements de protection - Protège-mains et bras, guêtres,
coquilles et protège-cou utilisés pour le hockey sur glace -
Protections pour joueurs autres que les gardiens de but -
Exigences et méthodes d'essai

Schutzkleidung - Hand-, Arm-, Bein-, Genital-, und
Halsschützer für Eishockey - Protektoren für Spieler außer
Torwarte - Anforderungen und Prüfverfahren

This Technical Specification (CEN/TS) was approved by CEN on 26 October 2003 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

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Foreword

This document (CEN /TS 15256:2005) has been prepared by Technical Committee CEN/TC 162 "Protective clothing including hand and arm protection and lifejackets", the secretariat of which is held by DIN, in collaboration with ISO/TC 83 "Sports and recreational equipment".

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this Technical Specification: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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Introduction

Personal protective equipment is used by ice hockey players to reduce the severity of injuries. The risks in ice hockey are falls to the ice, collision with the rink, goal cages or other players, impacts and cuts by skates, sticks, pucks or other players' personal protective equipment.

Ice hockey is a sport with intrinsic hazards. Participation in ice hockey implies the acceptance of some risk of injury. Use of equipment conforming to this Technical Specification will not necessarily prevent all injuries.

1 Scope

This Technical Specification applies to personal protective equipment (excluding face and head protectors) for ice hockey players other than goal keepers. This Technical Specification specifies requirements for neck, shoulder, elbow, wrist and hand, genital, hip, coccygeal, thigh, knee and shin protectors. It specifies the cut resistance of all the protectors except those for the shoulders and elbows, and impact performance for all the protectors except the neck protector. Additionally for all protectors it specifies requirements for innocuousness, ergonomics, cleaning, restraint, zone of protection, and provisions for marking and information for users.

NOTE Requirements and test methods for face and head protectors are specified in EN 967.

2 Normative references

The following referenced documents are indispensable for the application 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.

EN 420, *Protective gloves - General requirements and test methods*

EN ISO 6330, *Textiles - Domestic washing and drying procedures for textile testing (ISO 6330:2000)*

3 Terms and definitions

For the purposes of this Technical Specification, the following terms and definitions apply.

3.1

anatomical form

solid or hollow object defined by its shape, used to support the personal protective equipment for examination and measurement of the coverage provided by its components

3.2

anvil

round or square section rigid metal block with a specified shape at its upper end used to transmit the force of impact from the inside of the test specimen to the force transducer

3.3

types of personal protective equipment for ice hockey players

3.3.1

neck protector

cut resistant device worn to reduce the risk of external injury to the throat by cuts from skates

3.3.1.1

neck part

part of a neck protector that surrounds the cylindrical portion of the anatomical neck form

3.3.1.2

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part of a neck protector that lies over the thoracic region of the anatomical neck form