

**Kaitserõivad. Randme-, peopesa-,
põlve- ja küünarnukikaitssed
rulluisutajatele. Nõuded ja
katsemeetodid**

Protective clothing - Wrist, palm, knee and elbow
protectors for users of roller sports equipment -
Requirements and test methods

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 14120:2003 sisaldab Euroopa standardi EN 14120:2003 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 16.05.2003 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 14120:2003 consists of the English text of the European standard EN 14120:2003.</p> <p>This document is endorsed on 16.05.2003 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This European Standard specifies the requirements and test methods for ergonomics, innocuousness, comfort, restraint, strenght, abrasion, impact performance as well as provision for marking and instructions supplied by the manufacturer for wirst, palm, knee and elbow protectors for all users of roller sports equipment.</p>	<p>Scope:</p> <p>This European Standard specifies the requirements and test methods for ergonomics, innocuousness, comfort, restraint, strenght, abrasion, impact performance as well as provision for marking and instructions supplied by the manufacturer for wirst, palm, knee and elbow protectors for all users of roller sports equipment.</p>
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Võtmesõnad: clothing, elbow (anatomy), human factors engineering, insulating gloves, pads (clothi, protective clothing, protective equipment, protective gloves, skateboards, specification (approval), specifications, sports equipment, sportswear, wrist protectors (clothing)

ICS 13.340.10

English version

**Protective clothing - Wrist, palm, knee and elbow protectors for
users of roller sports equipment - Requirements and test
methods**

Vêtements de protection - Dispositifs de protection des
poignets, paumes, genoux et coudes pour les utilisateurs
d'équipements de sports à roulettes - Exigences et
méthodes d'essai

Schutzkleidung - Handgelenk-, Handflächen-, Knie- und
Ellenbogenschützer für Benutzer von Rollsportgeräten -
Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 13 February 2003.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.



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Contents

	page
Foreword.....	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions.....	5
4 Performance levels	6
4.1 Level 1	6
4.2 Level 2	6
5 Requirements	6
5.1 General.....	6
5.2 Ergonomics	6
5.3 Innocuousness.....	6
5.4 Sizing.....	7
5.5 Restraint.....	7
5.6 Abrasion resistance.....	7
5.7 Impact strength	7
5.8 Impact performance for knee, palm and elbow protectors	7
5.9 Specific requirements for wrist protectors	8
6 Testing	8
6.1 General.....	8
6.2 Sampling and conditioning of the test samples.....	9
6.3 Innocuousness.....	9
6.4 Restraint.....	9
6.5 Abrasion resistance.....	10
6.6 Impact strength	11
6.7 Impact performance.....	12
6.8 Stiffness of wrist protectors	13
7 Marking	15
8 Information supplied by the manufacturer.....	16
Annex A (informative) Information about determining the chemical innocuousness of protectors	17
A.1 General.....	17
A.2 Evidence of innocuousness	17
A.3 Possible specific innocuousness testing	17
Annex ZA (informative) Clauses of this European Standard addressing essential requirements or other provisions of EU Directives.	19
Bibliography	20

Foreword

This document (EN 14120:2003) 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.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2003, and conflicting national standards shall be withdrawn at the latest by October 2003.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative annex ZA, which is an integral part of this document.

Annex A is informative.

This document includes a Bibliography.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

Roller sports are all the pastimes and competitions in which roller sports equipment is used. This equipment includes for example roller skates, inline skates and skateboards.

The users range from small children to adults of all ages.

The main threat to most roller sports equipment users is an impact with the surface and with obstacles which may cause physical injuries.

Wrist, palm, knee and elbow protectors for users of roller sports equipment are intended to protect the wearer against abrasion, bruises and fractures.

Protectors will not necessarily prevent all injuries in roller sports accidents.

1 Scope

This European Standard specifies the requirements and test methods for ergonomics, innocuousness, comfort, restraint, strength, abrasion, impact performance as well as provisions for marking and instructions supplied by the manufacturer for wrist, palm, knee and elbow protectors (hereinafter referred to as protectors) for all users of roller sports equipment.

It does not apply to protectors used in roller sports hockey.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text, and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 1082-1, *Protective clothing — Gloves and arm guards protecting against cuts and stabs by hand knives — Part 1: Chain mail gloves and arm guards.*

EN 13595-2, *Protective clothing for professional motorcycle riders — Jackets, trousers and one-piece or divided suits — Part 2: Test method for determination of impact abrasion resistance.*

ISO 6344-2, *Coated abrasives — Grain size analysis — Part 2: Determination of grain size distribution of macrogrits P 12 to P 220.*

3 Terms and definitions

For the purposes of this European Standard, the following terms and definitions apply:

3.1

wrist protector

wrist guard

device worn on the wrist and extending onto the lower forearm and the hand, that is intended to reduce the risk of injuries caused by abrasion, and to provide some stabilisation of the wrist joint

3.2

palm protector

device worn on the palm of the hand that is intended to reduce the risk of injuries caused by impact and abrasion

3.3

knee protector

knee pad

device worn on the knee that is intended to reduce the risk of injuries caused by impact and abrasion

3.4

elbow protector

elbow pad

device worn on the elbow that is intended to reduce the risk of injuries caused by impact and abrasion

3.5

roller sports equipment

devices that may be attached to each foot or to both feet, or may be stood on without attachment, and have freely turning wheels, and are not motor driven

3.6

acrobatic roller sports

use of roller sports equipment on natural or artificial obstacles to execute acrobatic figures