



SLOVENSKI STANDARD SIST EN ISO 20320:2020

01-junij-2020

Varovalna obleka za uporabo pri deskanju na snegu - Ščitniki zapestja - Zahteve in preskusne metode (ISO 20320:2020)

Protective clothing for use in Snowboarding - Wrist Protectors - Requirements and test methods (ISO 20320:2020)

Schutzkleidung zum Gebrauch beim Snowboard-Fahren - Handgelenkschützer - Anforderungen und Prüfverfahren (ISO 20320:2020)

Habillement de protection destinés à la pratique du surf des neiges - Protecteurs de poignets - Exigences et méthodes d'essai (ISO 20320:2020)

<https://standards.iteh.ai/catalog/standards/sist/6e758f81-cf1b-411b-be1e-289e9564530/sist-en-iso-20320-2020>

Ta slovenski standard je istoveten z: EN ISO 20320:2020

ICS:

13.340.40	Varovanje dlani in rok	Hand and arm protection
97.220.20	Oprema za zimske športe	Winter sports equipment

SIST EN ISO 20320:2020

en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 20320:2020

<https://standards.iteh.ai/catalog/standards/sist/6e758f81-cfdb-411b-be1e-2f69c9564530/sist-en-iso-20320-2020>

EUROPEAN STANDARD

EN ISO 20320

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2020

ICS 13.340.40; 97.220.20

English Version

Protective clothing for use in Snowboarding - Wrist Protectors - Requirements and test methods (ISO 20320:2020)

Habillement de protection destinés à la pratique du
surf des neiges - Protecteurs de poignets - Exigences et
méthodes d'essai (ISO 20320:2020)

Schutzkleidung zum Gebrauch beim Snowboard-
Fahren - Handgelenkschützer - Anforderungen und
Prüfverfahren (ISO 20320:2020)

This European Standard was approved by CEN on 25 January 2020.

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 CEN-CENELEC Management Centre or to any CEN member.

iTeh STANDARD PREVIEW

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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents	Page
European foreword.....	3

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 20320:2020
<https://standards.iteh.ai/catalog/standards/sist/6e758f81-cfdb-411b-be1e-2f69c9564530/sist-en-iso-20320-2020>

European foreword

This document (EN ISO 20320:2020) has been prepared by Technical Committee ISO/TC 94 "Personal safety -- Personal protective equipment" in collaboration with 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 2020, and conflicting national standards shall be withdrawn at the latest by October 2020.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

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 the relationship with EU Directive see informative Annex ZA, which is an integral part of this document.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

[SIST EN ISO 20320:2020](https://standards.iteh.ai/catalog/standards/sist/6e758f81-cfdb-411b-be1e-2f69c9754510/sist-en-iso-20320-2020)

<https://standards.iteh.ai/catalog/standards/sist/6e758f81-cfdb-411b-be1e-2f69c9754510/sist-en-iso-20320-2020>

Endorsement notice

The text of ISO 20320:2020 has been approved by CEN as EN ISO 20320:2020 without any modification.

Annex ZA (informative)

Relationship between this European Standard and the essential requirements of Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment aimed to be covered

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide a means of conforming to Essential Requirements of Regulation (EU) 2016/425.

Once this standard is cited in the Official Journal of the European Union under that Regulation (EU) 2016/425, compliance with the normative Clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding essential requirements of that Regulation (EU) 2016/425 and associated EFTA regulations.

Table ZA1 — Correspondence between this European Standard and Regulation (EU) 2016/425

Essential Requirements of Regulation (EU) 2016/425	Clause(s)/subclauses(s) of this standard	Remarks/Notes
1.1.1 Ergonomic	4.3	
1.1.2.1 Optimum level of protection	4.3	
1.2.1 Absence of inherent risks and other nuisance factors	4.2	
1.2.1.1 Suitable constituent material	4.4	
1.2.1.2 Satisfactory surface condition of all PPE parts in contact with the user	4.4	
1.3.1 Adaptation of PPE to users morphology	4.5	
1.3.2 Lightness and strength	4.6	
1.4 Information supplied by the manufacturer	6, 7	
2.4 PPE subject to ageing	6, 7	
2.12 PPE bearing one or more identification or recognition marks directly or indirectly relating to health and safety	6	
3.1.1 Impact caused by falling or projecting objects and collision of parts of the body with an obstacle	4.7/4.8	

WARNING 1 — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2 — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.

**iTeh STANDARD PREVIEW
(standards.iteh.ai)**

SIST EN ISO 20320:2020

<https://standards.iteh.ai/catalog/standards/sist/6e758f81-cfdb-411b-be1e-2f69c9564530/sist-en-iso-20320-2020>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 20320:2020

<https://standards.iteh.ai/catalog/standards/sist/6e758f81-cfdb-411b-be1e-2f69c9564530/sist-en-iso-20320-2020>

INTERNATIONAL
STANDARD

ISO
20320

First edition
2020-03

**Protective clothing for use in
snowboarding — Wrist protectors —
Requirements and test methods**

*Habillement de protection destiné à la pratique du surf des neiges —
Protecteurs de poignets — Exigences et méthodes d'essai*

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 20320:2020](https://standards.iteh.ai/catalog/standards/sist/6e758f81-cf1b-411b-be1e-2f69c9564530/sist-en-iso-20320-2020)

<https://standards.iteh.ai/catalog/standards/sist/6e758f81-cf1b-411b-be1e-2f69c9564530/sist-en-iso-20320-2020>



Reference number
ISO 20320:2020(E)

© ISO 2020

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 20320:2020

<https://standards.iteh.ai/catalog/standards/sist/6e758f81-cfdb-411b-be1e-2f69c9564530/sist-en-iso-20320-2020>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2020

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
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Requirements	2
4.1 General.....	2
4.2 Splints.....	3
4.3 Ergonomics.....	3
4.4 Innocuousness.....	3
4.5 Restraint.....	3
4.6 Impact strength.....	3
4.7 Impact performance.....	3
4.8 Limitation of wrist extension.....	4
5 Testing	4
5.1 General.....	4
5.2 Sampling.....	5
5.3 Conditioning.....	5
5.3.1 General.....	5
5.3.2 Room temperature conditioning.....	5
5.3.3 Cold temperature conditioning.....	5
5.4 Ergonomics.....	6
5.5 Restraint.....	6
5.6 Impact strength.....	7
5.6.1 Apparatus.....	7
5.6.2 Procedure.....	7
5.7 Impact performance.....	8
5.7.1 Test area.....	8
5.7.2 Apparatus.....	8
5.7.3 Procedure.....	9
5.8 Limitation of wrist extension.....	9
5.8.1 Principle.....	9
5.8.2 Apparatus.....	9
5.8.3 Procedure.....	12
6 Marking	12
7 Information supplied by the manufacturer	12
8 Test report	13
Bibliography	14