



SLOVENSKI STANDARD
SIST EN 407:2020/oprA1:2022

01-marec-2022

**Varovalne rokavice in druga oprema za zaščito rok pred toplotnimi tveganji
(toplote in/ali ognja) - Dopnilo A1**

Protective gloves and other hand protective equipments against thermal risks (heat and/or fire)

Schutzhandschuhe und andere Handschutzausrüstung gegen thermische Risiken (Hitze und/oder Feuer)

Gants de protection et autres équipements de protection de la main contre les risques thermiques (chaleur et/ou feu)

Ta slovenski standard je istoveten z: EN 407:2020/prA1

<https://standards.iten.ai/catalog/standards/sist/95cc175e-f93c-4739-9201-6be1e2845dca/sist-en-407-2020-opra1-2022>

ICS:

13.340.40 Varovanje dlani in rok Hand and arm protection

SIST EN 407:2020/oprA1:2022 **en,fr,de**

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PREVIEW
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
EN 407:2020
prA1

January 2022

ICS 13.340.40

English Version

Protective gloves and other hand protective equipments against thermal risks (heat and/or fire)

Gants de protection et autres équipements de
protection de la main contre les risques thermiques
(chaleur et/ou feu)

Schutzhandschuhe und andere Handschutzausrüstung
gegen thermische Risiken (Hitze und/oder Feuer)

This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 162.

This draft amendment A1, if approved, will modify the European Standard EN 407:2020. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN 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.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

2022

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

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

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European foreword

This document (EN 407:2020/prA1:2022) 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 document is currently submitted to the CEN Enquiry.

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

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

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EN 407:2020/prA1:2021 (E)

1 Modification to 3.4, Char

Definition deleted as it is not used in the document.

2 Modification to 4.4.1, Gloves

Change the normative reference to make it clearer.

Replace text of the 1st sentence by:

“The gloves shall correspond to the relevant requirements of EN ISO 21420:2020, 5.1.”

3 Modification to 4.5.3, Contact heat

In the first line of Table 3, add the tolerance in the middle box of line 1:

Performance level	Contact Temperature T_c °C (± 2 %)	Threshold time t_t s
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4 Modification to 4.5.4, Convective heat

In the first line of Table 4, add the following text in the 2nd column of line 1:

Performance level	Lowest measured t_{24} (time necessary for an increase of 24 °C)
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5 Modification to 4.5.4, Convective heat

Replace the last sentence of the clause:

“Innermost layers of the glove shall be inspected, it shall show no sign of melting (dripping) and holing.”

6 Modification to 4.5.5, Radiant heat

In the first line of Table 5, add the following text in the 2nd column of line 1:

Performance level	Heat transfer time t_{24} s
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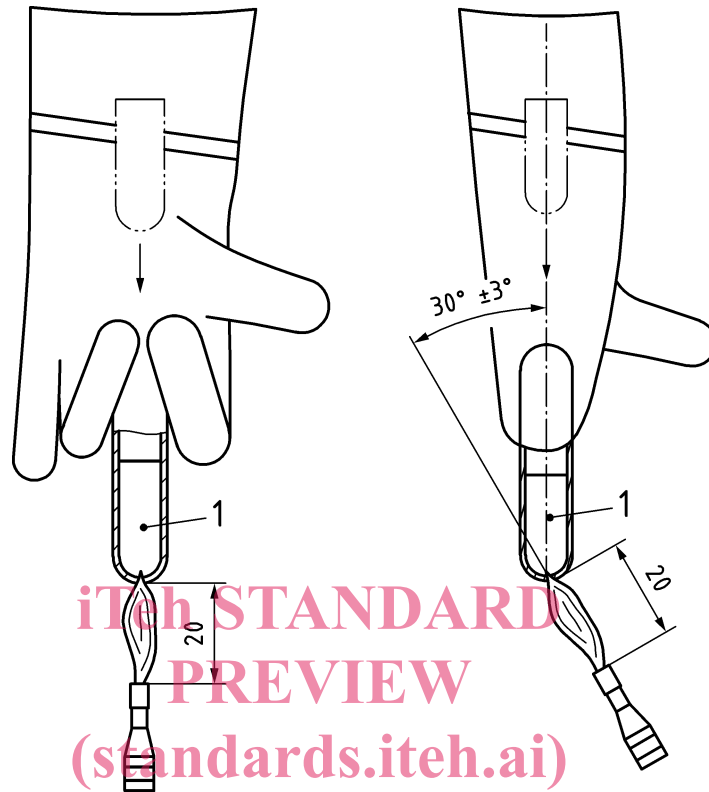
7 Modification to 4.5.7, Large quantities of molten metal

In the first line of Table 7, add the following text in the 2nd column of line 1:

Performance Level	Molten iron g (± 1 g)
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8 Modification to 6.2.2, Procedure for gloves

Replace Figure 2 by the following figure:



Replace the text of the last sentence by:

“The after flame time and afterglow time shall be recorded after an ignition time of $(10 \pm 0,5)$ s (see Table 2).”

9 Modification to 6.4.3, Test report

Replace the text of the 3rd hyphen by:

“the 3 single values of t_{24} (time necessary for an increase of 24 °C) in seconds”

10 Modification to 6.5.2, Procedure

Replace the text of the last sentence by:

“The test method is according to EN 6942:2002, method B, with Heat flux density $Q_0 = (20 \pm 0,4)$ kW/m².”

11 Modification to 6.5.3, Test report

Replace the text of the 3rd hyphen by:

“the 3 single values of t_{24} to the nearest 0,1 s”