

Irish Standard I.S. EN 659:2003+A1:2008

Protective gloves for firefighters

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Incorporating amendments/corrigenda issued since publication:	
EN 659:2003+A1:2008	
EN 659:2003+A1:2008/AC:2009	

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SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

This document replaces: EN 659:2003

 This document is based on:
 Published:

 EN 659:2003+A1:2008
 5 March, 2008

 EN 659:2003
 12 September, 2003

This document was published under the authority of the NSAI and comes into effect on: 3 June, 2008

ICS number: 13.340.40

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I.S. EN 659:2003+A1:2009

EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN 659:2003+A1:2008/AC

June 2009 Juin 2009 Juni 2009

ICS 13.340.40

English version Version Française Deutsche Fassung

Protective gloves for firefighters

Gants de protection pour sapeurs-pompiers

Feuerwehrschutzhandschuhe

This corrigendum becomes effective on 17 June 2009 for incorporation in the official English version of the EN.

Ce corrigendum prendra effet le 17 juin 2009 pour incorporation dans la version anglaise officielle de la EN.

Die Berichtigung tritt am 17. Juni 2009 zur Einarbeitung in die offizielle Englische Fassung der EN in Kraft.



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 659:2003+A1:2008/AC:2009 (E)

1 Modification 1, Figure 1 "Pictogram for firefighters

Replace Figure 1 with the following: "



EUROPEAN STANDARD

EN 659:2003+A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2008

ICS 13.340.40

English Version

Protective gloves for firefighters

Gants de protection pour sapeurs-pompiers

Feuerwehrschutzhandschuhe

Supersedes EN 659:2003

This European Standard was approved by CEN on 7 February 2003 and includes Amendment 1 approved by CEN on 5 January 2008.

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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 Management Centre has the same status as the official versions.

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EN 659:2003+A1:2008 (E)

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EN 659:2003+A1:2008 (E)

Foreword

This document (EN 659:2003+A1:2008) 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 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2008 and conflicting national standards shall be withdrawn at the latest by September 2008.

This document includes Amendment 1, approved by CEN on 2008-01-05.

This document supersedes A EN 659:2003 A.

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.

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

EN 659:2003+A1:2008 (E)

Introduction

Suitable gloves for firefighters can enable the firefighters to work for long periods under hazardous conditions. However, it is not possible to relate the performance levels achieved in laboratory testing to protection levels under actual use conditions because the thermal hazards in wet and dry conditions may be very different.

1 Scope

This European Standard defines minimum performance requirements and test methods for firefighters' protective gloves.

This European Standard applies only to firefighters' protective gloves which protect the hands during normal firefighting, including search and rescue.

These gloves are not intended for deliberate handling of liquid chemicals, but provide some protection against accidental contact with chemicals.

Protective gloves for special operations within firefighting service are excluded from the scope of this standard.

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 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).

A₁ deleted text (A₁

EN 367, Protective clothing — Protection against heat and fire — Method of determining heat transmission on exposure to flames

A1) deleted text (A1)

EN 388, Protective gloves against mechanical risks

EN 407, Protective gloves against thermal risks (heat and/or fire)

(A) EN 420:2003, Protective gloves — General requirements and test methods

EN 702, Protective clothing — Protection against heat and flame — Test method: Determination of the contact heat transmission through protective clothing or its materials

EN 20811, Textile — Determination of resistance to water penetration — Hydrostatic pressure test

♠ EN ISO 6530, Protective clothing — Protection against liquid chemicals — Test method for resistance of materials to penetration by liquids (ISO 6530:2005) ♠

EN ISO 6942, Protective clothing — Protection against heat and fire — Method of test: Evaluation of materials and material assemblies when exposed to a source of radiant heat (ISO 6942:2002)

EN ISO 13935-2, Textiles — Seam tensile properties of fabrics and made-up textile articles — Part 2: Determination of maximum force to seam rupture using the grab method (ISO 13935-2:1999)



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