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Irish Standard
I.S. EN 420:2003+A1:2009

Protective gloves - General requirements and test methods

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EN 420:2003+A1

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English Version

Protective gloves - General requirements and test methods

Gants de protection - Exigences générales et méthodes d'essai

Schutzhandschuhe - Allgemeine Anforderungen und Prüfverfahren

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Foreword

This document (EN 420:2003+A1:2009) 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of an identical text or by endorsement, at the latest by May 2010, and conflicting national standards shall be withdrawn at the latest by May 2010.

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The start and finish of text introduced or altered by amendment is indicated in the text by tags [A1⟩ ⟨A1].

The modifications of the related CEN Corrigendum have been implemented at the appropriate places in the text and are indicated by the tags [AC⟩ ⟨AC].

This document has been prepared under a mandate given to CEN/CENELEC 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.

[A1⟩ Annexes A and C ⟨A1] are informative and [A1⟩ Annex B is ⟨A1] normative.

This document includes a Bibliography.

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Introduction

This European Standard is a reference standard to be called up as appropriate by the specific European Standards relevant or applicable to protective gloves.

This standard should not be used alone, but only in combination with the appropriate specific standard.

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1 Scope

This standard defines the general requirements and relevant test procedures for glove design and construction, resistance of glove materials to water penetration, innocuousness, comfort and efficiency, marking and information supplied by the manufacturer applicable to all protective gloves.

NOTE It can also be applicable to arm protectors and gloves permanently incorporated in containment enclosures.

This European Standard does not address the protective properties of gloves and therefore should not be used alone but only in combination with the appropriate specific European Standard(s).

A non exhaustive list of these standards is given in the Bibliography.

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 344-1:1992, *Safety, protective and occupational footwear for professional use — Part 1: Requirements and test methods*

EN 374-1:2003, *Protective gloves against chemicals and micro-organisms — Part 1:Terminology and performance requirements*

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

EN 455-3, *Medical gloves for single use — Part 3: Requirements and testing for biological evaluation*

EN 1149-1, *Protective clothing — Electrostatic properties — Part 1: Surface resistivity (Test methods and requirements)*

EN 1149-2, *Protective clothing — Electrostatic properties — Part 2: Test method for measurement of the electrical resistance through a material (vertical resistance)*

EN 1149-3, *Protective clothing — Electrostatic properties — Part 3: Test methods for measurement of charge decay*

EN 1413, *Textiles —Determination of pH of aqueous extract*

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

EN 23758, *Textiles — Care labelling code using symbols (ISO 3758:1991)*

EN ISO 2419, *Leather — Physical and mechanical tests — Sample preparation and conditioning (ISO 2419:2002)*

[A1⟩ *deleted text* ⟨A1]

EN ISO 4045, *Leather — Determination of pH (ISO 4045:1977)*

EN ISO 4048, *Leather — Determination of matter soluble in dichloromethane (ISO 4048:1977)*

[A1⟩ EN ISO 17075:2007, *Leather — Chemical tests — Determination of chromium(VI) content (ISO 17075:2007)* ⟨A1]

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