

Guantes de protección contra riesgos mecánicos.
(Ratificada por la Asociación Española de Normalización en abril de 2019.)

Guantes de protección contra riesgos mecánicos. (Ratificada por la Asociación Española de Normalización en abril de 2019.)

Protective gloves against mechanical risks (Endorsed by Asociación Española de Normalización in April of 2019.)

Gants de protection contre les risques mécaniques (Entérinée par l'Asociación Española de Normalización en avril 2019.)

En cumplimiento del punto 11.2.5.4 de las Reglas Internas de CEN/ CENELEC Parte 2, se ha otorgado el rango de documento normativo español UNE al documento normativo europeo EN 388:2016+A1:2018 (Fecha de disponibilidad 2018-12-12)

Este documento está disponible en los idiomas oficiales de CEN/ CENELEC/ ETSI.

Este anuncio causará efecto a partir del primer día del mes siguiente al de su publicación en la revista UNE.

La correspondiente versión oficial de este documento se encuentra disponible en la Asociación Española de Normalización (Génova 6 28004 MADRID, www.une.org).

Las observaciones a este documento han de dirigirse a:

Asociación Española de Normalización

Génova, 6
28004 MADRID-España
Tel.: 915 294 900
info@une.org
www.une.org

© UNE 2019

Prohibida la reproducción sin el consentimiento de UNE.

Todos los derechos de p

This is a preview. Click here to purchase the full publication.

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 388:2016+A1

December 2018

ICS 13.340.40

Supersedes EN 388:2016

English Version

Protective gloves against mechanical risks

Gants de protection contre les risques mécaniques

Schutzhandschuhe gegen mechanische Risiken

This European Standard was approved by CEN on 29 July 2016 and includes Amendment 1 approved by CEN on 24 October 2018.

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.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, 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.....	4
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions	6
4 Requirements	7
4.1 General.....	7
4.2 Additional Protection	7
4.2.1 General.....	7
4.2.2 Impact protection.....	8
5 Sampling and conditioning.....	8
6 Test methods	8
6.1 Abrasion resistance.....	8
6.1.1 Principle	8
6.1.2 Consumables	8
6.1.3 Apparatus.....	9
6.1.4 Test specimens.....	9
6.1.5 Test procedure	9
6.1.6 Test report.....	11
6.2 Blade cut resistance	12
6.2.1 Principle	12
6.2.2 Equipment	12
6.2.3 Test specimen.....	14
6.2.4 Control specimen	15
6.2.5 Canvas	15
6.2.6 Test method	15
6.2.7 Calculation of test results.....	16
6.2.8 Test report.....	17
6.3 Cut Resistance method (EN ISO 13997)	17
6.3.1 General.....	17
6.3.2 Test specimen.....	17
6.3.3 Test report.....	17
6.4 Tear resistance.....	18
6.4.1 Principle	18
6.4.2 Equipment	18
6.4.3 Test specimen.....	18
6.4.4 Setting up the test specimen	18
6.4.5 Test method	19
6.4.6 Test report.....	19
6.5 Puncture resistance.....	20
6.5.1 Principle	20
6.5.2 Equipment	20
6.5.3 Test specimen.....	21
6.5.4 Test method	21
6.5.5 Test report.....	21
6.6 Impact Test.....	21

7	Marking	21
7.1	General	21
7.2	Pictograms	22
7.3	Marking of additional requirements	22
7.4	Examples of marking	22
8	Information supplied by the manufacturer in the user notice	23
	Annex A (normative) Abradant.....	24
A.1	Definition of the abradant	24
A.2	Acceptation criteria of the abradant	24
	Annex B (normative) Test results - Uncertainty of measurement.....	25
	Annex C (normative) Validation test for the adhesive used in EN 388, 6.1.2.2	26
C.1	Objective	26
C.2	Apparatus and materials	26
C.3	Preparation of test specimens	27
C.4	Test procedure	28
C.5	Examples of acceptable adhesive tape	30
	Annex ZA (informative) A1 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 A1.....	31