

# ILNAS

Institut luxembourgeois de la normalisation  
de l'accréditation, de la sécurité et qualité  
des produits et services

## ILNAS-EN ISO 16321-3:2022

### **Eye and face protection for occupational use - Part 3: Additional requirements for mesh protectors (ISO 16321-3:2021)**

Augen- und Gesichtsschutz für berufliche  
Anwendungen - Teil 3: Zusätzliche  
Anforderungen an Schutzgeräte aus  
Gewebe (ISO 16321-3:2021)

Protection des yeux et du visage à usage  
professionnel - Partie 3 : Exigences  
complémentaires relatives aux  
protecteurs grillagés (ISO 16321-3:2021)

04/2022



## National Foreword

This European Standard EN ISO 16321-3:2022 was adopted as Luxembourgish Standard ILNAS-EN ISO 16321-3:2022.

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ILNAS-EN ISO 16321-3:2022

EUROPEAN STANDARD **EN ISO 16321-3**

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN 166:2001, EN 1731:2006

English Version

Eye and face protection for occupational use - Part 3:  
Additional requirements for mesh protectors (ISO 16321-  
3:2021)

Protection des yeux et du visage à usage professionnel  
- Partie 3: Exigences complémentaires relatives aux  
protecteurs grillagés (ISO 16321-3:2021)

Augen- und Gesichtsschutz für berufliche  
Anwendungen - Teil 3: Zusätzliche Anforderungen an  
Schutzgeräte aus Gewebe (ISO 16321-3:2021)

This European Standard was approved by CEN on 7 November 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.

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.

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

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## European foreword

This document (EN ISO 16321-3:2022) has been prepared by Technical Committee ISO/TC 94 "Personal safety -- Personal protective equipment" in collaboration with Technical Committee CEN/TC 85 "Eye protective equipment" the secretariat of which is held by AFNOR.

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 2022, and conflicting national standards shall be withdrawn at the latest by October 2022.

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 supersedes EN 166:2001, EN 1731:2006.

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 Regulation(s) 2016/425.

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

Any feedback and questions on this document should be directed to the users' national standards body/national committee. A complete listing of these bodies can be found on the CEN website.

The following referenced documents are indispensable for the application of this document. For undated references, the latest edition of the referenced document (including any amendments) applies. For dated references, only the edition cited applies. However, for any use of this document 'within the meaning of Annex ZA, the user should always check that any referenced document has not been superseded and that its relevant contents can still be considered the generally acknowledged state-of-art.

When an IEC or ISO standard is referred to in the ISO standard text, this shall be understood as a normative reference to the corresponding EN standard, if available, and otherwise to the dated version of the ISO or IEC standard, as listed below.

NOTE The way in which these referenced documents are cited in normative requirements determines the extent (in whole or in part) to which they apply.

Undated normative references in the ISO standard	Clause(s) of the ISO standard	Equivalent dated standard	
		EN	ISO or IEC
ISO 4007	Clause 2 & 3	EN ISO 4007:2018	ISO 4007:2018
ISO 16321-1	Clause 1, 2, 4.1 & 4.6	EN ISO 16321-1:2020	ISO 16321-1:2020
ISO 18526-2	Clause 2	EN ISO 18526-2:2020	ISO 18526-2:2020
ISO 18526-3	Clause 2	EN ISO 18526-3 :2020	ISO 18526-3:2020
ISO 18526-4	Clause 2, 5.3 & 6	EN ISO 18526-4:2020	ISO 18526-4:2020

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.

### **Endorsement notice**

The text of ISO 16321-3:2021 has been approved by CEN as EN ISO 16321-3:2022 without any modification.

## Annex ZA (informative)

### Relationship between this European Standard and the essential Requirements of Regulation 2016/425 aimed to be covered

This European Standard has been prepared under a Commission's standardization request M/571 to provide one voluntary means of conforming to requirements of Regulation 2016/425.

Once this standard is cited in the Official Journal of the European Union under that Regulation 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 2016/425 and associated EFTA regulations.

**Table ZA.1 — Correspondence between this European Standard and  
Annex II of Regulation 2016/425**

Essential Requirements of Regulation	Clause(s)/sub-clause(s) of this EN	Remarks/Notes
		Most Essential Requirements of Regulation are wholly or partially covered by reference to EN ISO 16321-1:2020 as described in Clause 4.1 of this standard.
1.1.1 Ergonomics	4.1	By reference to EN ISO 16321-1:2020
1.1.2 Level and classes of protection	4.1	By reference to EN ISO 16321-1:2020
1.2.1 Absence of risks and other 'inherent' nuisance factors	4.4; 4.5;	By reference to EN ISO 16321-1:2020
1.2.1.1 Suitable constituent materials	4.1	By reference to EN ISO 16321-1:2020
1.2.1.2 Satisfactory surface condition of all PPE parts in contact with the user.	4.1	By reference to EN ISO 16321-1:2020
1.2.1.3 Maximum permissible user impediment	4.1	By reference to EN ISO 16321-1:2020
1.3.1 Adaptation of PPE to user morphology	4.1	By reference to EN ISO 16321-1:2020
1.3.2 Lightness and design strength	4.1	By reference to EN ISO 16321-1:2020
1.3.3 Compatibility of different classes or types of PPE designed for	4.1	By reference to EN ISO 16321-1:2020