

**Ophthalmic optics - Uncut finished
spectacle lenses - Part 4: Specifications
and test methods for anti-reflection
coatings**

Ophthalmic optics - Uncut finished spectacle lenses
- Part 4: Specifications and test methods for anti-
reflection coatings

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 8980-4:2000 sisaldab Euroopa standardi EN ISO 8980-4:2000 ingliskeelset teksti. Käesolev dokument on jõustatud 15.11.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN ISO 8980-4:2000 consists of the English text of the European standard EN ISO 8980-4:2000. This document is endorsed on 15.11.2000 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.
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Käsitlusala: This part of EN ISO 8980 specifies optical and non optical requirements and test methods for anti-reflective coatings on spectacle lenses.	Scope: This part of EN ISO 8980 specifies optical and non optical requirements and test methods for anti-reflective coatings on spectacle lenses.
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ICS 11.040.70

Võtmesõnad:

English version

Ophthalmic optics

Uncut finished spectacle lenses

Part 4: Specifications and test methods for anti-reflective coatings
(ISO 8980-4 : 2000)

Optique ophtalmique – Verres de lunettes finis non détournés – Partie 4: Spécifications et méthodes d'essai relatives aux traitements antireflet (ISO 8980-4 : 2000)

Augenoptik – Rohkantige fertige Brillengläser – Teil 4: Anforderungen und Prüfverfahren für reflexmindernde Vergütungen (ISO 8980-4 : 2000)

This European Standard was approved by CEN on 2000-05-05.

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 Central Secretariat or to any CEN member.

The European Standards exist 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

Foreword

International Standard

ISO 8980-4 : 2000 Ophthalmic optics – Uncut finished spectacle lenses – Part 4: Specifications and test methods for anti-reflective coatings,

which was prepared by ISO/TC 172 ‘Optics and optical instruments’ of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 170 ‘Ophthalmic optics’, the Secretariat of which is held by DIN, as a European Standard.

EN ISO 8980 consists of the following Parts, under the general title ‘Ophthalmic optics – Uncut finished spectacle lenses’:

Part 1: Specifications for single-vision and multifocal lenses

Part 2: Specifications for progressive power lenses

Part 3: Transmittance specifications and test methods

Part 4: Specifications and test methods for anti-reflection coatings

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by December 2000 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 8980-4 : 2000 was approved by CEN as a European Standard without any modification.

NOTE: Normative references to international publications are listed in Annex ZA (normative).

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1 Scope

This part of ISO 8980 specifies optical and non optical requirements and test methods for anti-reflective coatings on spectacle lenses.

This part of ISO 8980 does not deal with the following topics:

- transmittance and absorptance;
- the colour of the reflected light.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO 8980. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 8980 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 8980-1:1996, *Ophthalmic optics — Uncut finished spectacle lenses — Part 1: Specifications for single-vision and multifocal lenses.*

ISO 8980-2:1996, *Ophthalmic optics — Uncut finished spectacle lenses — Part 2: Specifications for progressive power lenses.*

ISO 8980-3:1999, *Ophthalmic optics — Uncut finished spectacle lenses — Part 3: Transmittance specifications and test methods.*

ISO 13666:1998, *Ophthalmic optics — Spectacle lenses — Vocabulary.*

ISO 14889:1997, *Ophthalmic optics — Spectacle lenses — Fundamental requirements for uncut finished lenses.*

3 Terms and definitions

For the purposes of this part of ISO 8980, the terms and definitions given in ISO 13666:1998 and the following apply.

3.1

coated lens

anti-reflective coated spectacle lens