

**Ophthalmic optics - Spectacle frames and sunglasses
electronic catalogue and identification - Part 3:
Technical information (ISO 10685-3:2012)**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 10685-3:2012 sisaldab Euroopa standardi EN ISO 10685-3:2012 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 10685-3:2012 consists of the English text of the European standard EN ISO 10685-3:2012.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
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English Version

Ophthalmic optics - Spectacle frames and sunglasses electronic catalogue and identification - Part 3: Technical information (ISO 10685-3:2012)

Optique ophtalmique - Catalogue de montures de lunettes et de lunettes de soleil et identification - Partie 3: Informations techniques (ISO 10685-3:2012)

Augenoptik - Elektronischer Katalog und Warenbezeichnung für Brillenfassungen und Sonnenbrillen - Teil 3: Technische Daten (ISO 10685-3:2012)

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Foreword

This document (EN ISO 10685-3:2012) has been prepared by Technical Committee ISO/TC 172 "Optics and photonics" in collaboration with Technical Committee CEN/TC 170 "Ophthalmic optics" 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of an identical text or by endorsement, at the latest by May 2013, and conflicting national standards shall be withdrawn at the latest by May 2013.

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Endorsement notice

The text of ISO 10685-3:2012 has been approved by CEN as a EN ISO 10685-3:2012 without any modification.

Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Technical information	1
4.1 Identification	1
4.2 Technical data for frames item catalogue	1
Annex A (normative) Field descriptions	4
Annex B (normative) Electronic frame catalogue schema (technical section)	8
Annex C (normative) Frame dimension descriptions	9
Annex D (informative) Electronic frame catalogue XML sample (technical section)	11
Bibliography	15

Ophthalmic optics — Spectacle frames and sunglasses electronic catalogue and identification —

Part 3: Technical information

1 Scope

This part of ISO 10685 specifies the technical information and file format used for trading spectacle frames and sunglasses and to optimize the trading and processing of lenses for a given frame.

This part of ISO 10685 includes sunglass clip-ons.

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.

ISO 8624, *Ophthalmic optics — Spectacle frames — Measuring system and terminology*

ISO 10685-1, *Ophthalmic optics — Spectacle frames and sunglasses electronic catalogue and identification — Part 1: Product identification and electronic catalogue product hierarchy*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

technical information

information needed to optimize the trading and processing of lenses for a given frame

4 Technical information

4.1 Identification

Any technical information requires the appropriate frame identification as specified in ISO 10685-1. Commercial information is available in ISO 10685-2.

4.2 Technical data for frames item catalogue

Tables 1 and 2 specify the fields used to identify the technical information portion of the electronic frame item catalogue. Additional information and examples are available in Annex A.

- The “name” column defines the tag and attribute names within the XML file (see Annex B for schema definition).
- The “O/M” column indicates whether a field is optional (O) or mandatory (M).
- The “format” column indicates the data type, e.g. TEXT.