

BS EN ISO 10685-2:2016

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BSI Standards Publication

Ophthalmic optics — Spectacle frames and sunglasses electronic catalogue and identification

Part 2: Commercial information
(ISO 10685-2:2016)

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National foreword

This British Standard is the UK implementation of EN ISO 10685-2:2016. It supersedes BS EN ISO 10685-2:2012 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee CH/172, Ophthalmic optics.

A list of organizations represented on this committee can be obtained on request to its secretary.

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English Version

Ophthalmic optics - Spectacle frames and sunglasses
electronic catalogue and identification - Part 2:
Commercial information (ISO 10685-2:2016, Corrected
version 2016-05-15)

Optique ophtalmique - Catalogue de montures de
lunettes et de lunettes de soleil et identification - Partie
2: Informations commerciales (ISO 10685-2:2016,
Version corrigée 2016-05-15)

Augenoptik - Elektronischer Katalog und
Warenbezeichnung für Brillenfassungen und
Sonnenbrillen - Teil 2: Kaufmännische Daten (ISO
10685-2:2016, korrigierte Fassung 2016-05-15)

This European Standard was approved by CEN on 23 January 2016.

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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 10685-2:2016) 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of an identical text or by endorsement, at the latest by September 2016, and conflicting national standards shall be withdrawn at the latest by September 2016.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 10685-2:2006.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 10685-2:2016, Corrected version 2016-05-15 has been approved by CEN as EN ISO 10685-2:2016 without any modification.

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#).

The committee responsible for this document is ISO/TC 172, *Optics and photonics*, Subcommittee SC 7, *Ophthalmic optics and instruments*.

This second edition cancels and replaces the first edition (ISO 10685-2:2012), of which it constitutes a minor revision.

ISO 10685 consists of the following parts, under the general title *Ophthalmic optics — Spectacle frames and sunglasses electronic catalogue and identification*:

- *Part 1: Product identification and electronic catalogue product hierarchy*
- *Part 2: Commercial information*
- *Part 3: Technical information*

This corrected version of ISO 10685-2:2016 incorporates the following corrections:

- the sentence in [5.2](#) relating to [Annex A](#) has been reworded;
- [Annex A](#) has been designated as “normative”.

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

Part 2: Commercial information

1 Scope

This part of ISO 10685 specifies the commercial information and file format used for trading spectacle frames and sunglasses.

This part of ISO 10685 includes sunglass clip-ons.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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

commercial information

information needed to order frames and sunglasses

4 Symbols and abbreviated terms

MSRP manufacturer suggested retail price

5 Commercial information

5.1 Identification

Any commercial information requires the appropriate frame identification as specified in ISO 10685-1.

5.2 Commercial data for frames item catalogue

[Table 1](#) and [Table 2](#) specify the fields used to identify the commercial information portion of the electronic frame item catalogue. See also detailed field descriptions and examples in [Annex A](#).

- “Name” column defines the tag and attribute names within the XML file (see [Annex B](#) for schema definition).
- “O/M” column indicates whether a field is optional (O) or mandatory (M).

- “Format” column indicates the data type, e.g. TEXT.
- “Length” column indicates the field character length. The decimal lengths listed do not include the decimal point or the sign. For example, a field with the length of three could contain “100”, “10.1” or “-1.01”.
- “Description” column is the description of the field.

Table 1 — Spectacle frame information for the commercial portion of the electronic frame catalogue

Name	O/M	Format	Length	Description
Usrtype	M	Text	1	Type of user
Usecod	O	Text	1	Type of use
Sdtpl	O	Date	10	Start date of the applicable wholesale price
Edtpl	O	Date	10	End date of the applicable wholesale price
Prc	O	Decimal	Max 13	Wholesale price
Msrpsdtpl	O	Date	10	Start date of MSRP pricelist
Msrpdtpl	O	Date	10	End date of MSRP pricelist
Msrp	O	Decimal	Max 13	Manufacturer suggested retail price
Image	O	Text	Max 50	Name of image file
Mcoldes	M	Text	Max 50	Manufacturer colour description
Nrf	O	Integer	Max 3	NRF code or subset of NRF code for colour
Fmtyp	O	Text	1	Frame type as it relates to lens mounting
Mat	M	Text	1	Main material
Jntspg	O	Boolean	1	Sprung joint
Aspec	O	Text	Max 100	Additional specifications of the frame
Shapes	O	Table		See Table 3

Table 2 — Sunglass information for the commercial portion of the electronic frame catalogue

Name	O/M	Format	Length	Description
Usrtype	M	Text	1	Type of user
Usecod	O	Text	1	Type of use
Sdtpl	O	Date	10	Start date of the applicable wholesale price
Edtpl	O	Date	10	End date of the applicable wholesale price
Prc	O	Decimal	Max 13	Wholesale price
Msrpsdtpl	O	Date	10	Start date of MSRP pricelist
Msrpdtpl	O	Date	10	End date of MSRP pricelist
Msrp	O	Decimal	Max 13	Manufacturer suggested retail price
Image	O	Text	Max 50	Name of image file
Mcoldes	O	Text	Max 50	Manufacturer colour description
Nrf	O	Integer	Max 3	NRF code or subset of NRF code for colour
Fmtyp	O	Text	1	Frame type as it relates to lens mounting
Mat	M	Text	1	Main material of the front
SMat	O	Text	1	Main material of the side
Jntspg	O	Boolean	1	Sprung joint
Aspec	O	Text	Max 100	Additional specifications of the sunglass
Shapes	O	Table		See Table 3