BRITISH STANDARD

BS 3521 :
Part 2 : 1991

Incorporating
Amendment No. 1

Terms relating to ophthalmic optics and spectacle frames

Part 2. Glossary of terms relating to spectacle frames

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Health Care Standards Policy Committee (HCC/-) to Technical Committee HCC/78, upon which the following bodies were represented:

Association for Consumer Research (ACRE)
Association of British Dispensing Opticians
Association of Contact Lens Manufacturers
British College of Optometrists
British Contact Lens Association
British Medical Association
British Spectacle Frame Makers' Association
British Universities Committee of Contact Lens Educators
College of Ophthalmologists
Consumer Policy Committee of BSI
Department of Health
Department of Trade and Industry (National Physical Laboratory)
Federation of Manufacturing Opticians
Federation of Ophthalmic and Dispensing Opticians
Flat Glass Manufacturers' Association
OPTIC (UK)

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Foreword

This Part of BS 3521 has been revised under the direction of the Health Care Standards Policy Committee and, together with BS 3521 : Part 1 : 1991, supersedes BS 3521 : Parts 1 & 2 : 1962 which is withdrawn.

The first edition of this Part of BS 3521 was published jointly with Part 1 in 1962. Since that time, the terminology relating to spectacle frames (and ophthalmic optics in general) has changed, mainly because of the development of increased international trade. This development has encouraged participation by many countries in the work of the International Organization for Standardization (ISO) and, in particular, in the work of ISO Technical Committee 172. That Committee has been and is being instrumental in the preparation of a number of international standards and, in this revision of BS 3521 : Part 2, the terms and definitions have been updated in order to align with current international usage. Indeed, to facilitate a common understanding of the terminology, the lists of equivalent terms given in EN ISO 7998 - 1996, 'Optics and optical instruments — Spectacle frames — Vocabulary and lists of equivalent terms', has been published as BS EN ISO 7998 : 1996. The listed terms are presented in seven languages: English (both British and North American), French, Russian, German, Italian and Spanish.

The purpose of this British Standard is unaltered from that of the first edition: it is to assist the mutual understanding of manufacturers, purchasers, users and others that have connections with the production, specification and sale of spectacle frames. The use of an identical meaning for a word is all-important in such transactions.

This Part of BS 3521 presents a glossary, with a numerical classification, listing most of the terms in common use by those who design, teach the theory of, make or handle spectacle frames. The initial numeral '2' in a reference to a classified term indicates that that term is included in this Part of BS 3521 (i.e. Part 2); the initial numerals 0 and 1 in a cross-reference to a term indicates that that term is included in BS 3521 : Part 1. An alphabetical index to this Part is provided for ease of reference.

The preferred term, where more than one term exists, is given first in bold type. Other terms, which are at present acceptable but which it is hoped will fall into disuse, are set in medium type below the preferred term. Certain terms in current use are objectionable for various reasons, such as that they are confusing, or inaccurate or ambiguous; these terms are followed by the word 'deprecated'.

Italicized words indicate terms that are defined elsewhere in this Part of BS 3521.

A minor restructuring of this Part of BS 3521 has been carried out, although the titles of the majority of the sections and subsections have been unaltered. However, in preparing this revision, it was decided to delete section 24 'Materials' which appeared in the 1962 edition, because all the terms are of a general nature and none were specific to the spectacle frame industry. Other terms have also been deleted as either they were no longer in common use in the industry or they had meanings little different from their dictionary definitions. A number of definitions have been amended editorially and some terms, which are now in current use (some of which are taken from BS 3199) or which were required for correspondence with terms in EN ISO 7998, have been introduced. It is because of all these changes, that it has not been feasible to retain the 1962 edition's identifying code numbers for the terms.

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At the time of publication, the British Standards that relate to ophthalmic subjects include the following:

BS 2092	Specification for eye-protectors for industrial and non-industrial uses
BS 2724	Specification for sun glare eye protectors for general use
BS 2738	Spectacle lenses
BS 3062	Specification for ophthalmic lens materials
BS 3162	Specification for ophthalmic trial case lenses
BS 3172	Specification for screw threads for spectacle frames
BS 3199	Method for measurement of spectacles including a glossary of terms
BS 3521	Terms relating to ophthalmic optics and spectacle frames Part 1 Glossary of terms relating to ophthalmic lenses Part 3 Glossary of terms and symbols relating to contact lenses
BS 3668	Specification for red and green filters used in ophthalmic dichromatic and dissociation tests
BS 4110	Specification for eye-protectors for vehicle users
BS 4274	Specification for test charts for determining distance visual acuity
BS 6625	Specification for spectacle frames
BS 6903	Specification for graduated dial scales for ophthalmic instruments
BS 7017	Specification for reference wavelengths for optics and optical instruments
BS 7208	Contact lenses
BS 7394	Complete spectacles
BS 7522	Low vision aids
BS EN ISO 7998	Optics and optical instruments — Spectacle frames — Vocabulary and lists of equivalent terms
BS ISO 11380	Optics and optical instruments — Formers

NOTE. The titles of the publications referred to in this standard are listed on the inside back cover.

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