

AS 1067.1:2016
(Incorporating Amendment No. 1)



Eye and face protection — Sunglasses and fashion spectacles

Part 1: Requirements



AS 1067.1:2016

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- Australian Competition and Consumer Commission
- Australian Radiation Protection and Nuclear Safety Agency
- Cancer Society of New Zealand
- Consumer and Business Services South Australia
- Consumers Federation of Australia
- New Zealand Association of Optometrists
- New Zealand Optical Wholesalers Association
- NSW Fair Trading
- Optical Distributors and Manufacturers Association of Australia
- Optometrists Association Australia
- Queensland University of Technology
- Royal Australian and New Zealand College of Ophthalmologists
- Sunglass Association of Australia
- The Lions Eye Institute
- University of Auckland, New Zealand
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Preface

This Standard was prepared by Standards Australia/Standards New Zealand Committee CS-053, Sunglasses, to supersede, in part, AS/NZS 1067:2003, *Sunglasses and fashion spectacles*.

A1 This Standard incorporates Amendment No. 1 (September 2021). The start and end of changes introduced by the Amendment are indicated in the text by tags including the amendment number 1. **A1**

A1 Amendment No. 1 to this Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee SF-006, Eye and Face Protection. As a consequence of Amendment No. 1, which is published as an Australian-only amendment, this Standard will be redesignated from AS/NZS 1067.1 to AS 1067.1. **A1**

The objective of this Standard is to specify minimum requirements for sunglasses, fashion spectacles and replacement filters that are nominally afocal (plano power)—excluding prescription filters—providing protection against solar radiation for general use including road use and driving.

This revision aligns its requirements closely to those of ISO 12312-1:2013, *Eye and face protection and—Sunglasses and related eyewear, Part 1: Sunglasses for general use*. Test methods referred to in this Standard are now located in AS/NZS 1067.2, *Eye and face protection—Sunglasses and fashion spectacles, Part 2: Test methods*, which is an identical adoption of ISO 12311:2013, *Personal protective equipment—Test methods for sunglasses and related eyewear*.

This Standard specifies some requirements different from ISO 12312-1 in order to avoid lowering the standards set by its previous editions [including AS 1067, Parts 1 and 2 (1990)] and thereby reducing the level of protection provided. This recognizes the special circumstances of this region, especially the severity of its climatic conditions.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendices to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

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Australian Standard[®]

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Part 1: Requirements

1 Scope

This Standard specifies minimum requirements for sunglasses, fashion spectacles and replacement filters that are nominally afocal (plano power) providing protection against solar radiation for general use including road use and driving.

NOTE Information on the use of sunglass filters is provided in [Appendix A](#).

This Standard applies to the following:

- (a) Spectacles comprising nominally afocal (plano power) filters mounted in a spectacle frame.
- (b) Individual nominally afocal (plano power) filters intended for use in sunglasses.
- (c) Rimless sunshields and one-piece visors.
- (d) Clip-on and slip-on type sunglasses.
- (e) Children's sunglasses.
- (f) Fashion spectacles/light tint sunglasses.

Where the word 'sunglasses' is used in this Standard, this is taken to mean 'sunglasses and fashion spectacles'.

This Standard does not apply to the following:

- (i) Prescription and readymade spectacles.
NOTE AS/NZS ISO 21987 applies to prescription lenses and AS/NZS ISO 16034 applies to ready-made reading spectacles.
- (ii) Safety glasses and safety goggles intended to provide protection against optical radiation other than from the sun.
NOTE AS/NZS 1337.1, AS/NZS 1337.4, AS/NZS 1337.5, AS/NZS 1338.1, AS/NZS 1338.2 and AS/NZS 1338.3 apply to safety glasses and safety goggles.
- (iii) Eyewear for protection against radiation in solarium.
NOTE AS/NZS 2635 applies to these filters.
- (iv) Eye protectors for sport that comply with the applicable sports eye protection Standard.
NOTE AS/NZS 4066 applies to eye protection for racquet sports.
- (v) Sunglasses for use as toys that are clearly and legibly labelled as toys.

2 Normative references

The following are the normative documents referred to in this Standard:

NOTE Documents referenced for informative purposes are listed in the Bibliography.

AS/NZS 1067.2, *Eye and face protection—Sunglasses and fashion spectacles, Part 2: Test methods*

AS/NZS 1337.0, *Personal eye protection, Part 0: Eye and face protection—Vocabulary (ISO 4007:2012, MOD)*