



**International
Standard**

ISO 12312-1

**Eye and face protection —
Sunglasses and related eyewear —**

**Part 1:
Sunglasses for general use**

AMENDMENT 1

*Protection des yeux et du visage — Lunettes de soleil et articles
de lunetterie associés —*

Partie 1: Lunettes de soleil pour usage général

AMENDEMENT 1

**Second edition
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**AMENDMENT 1
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Sample Document

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This document was prepared by Technical Committee ISO/TC 94, *Personal safety — Personal protective equipment*, Subcommittee SC 6, *Eye and face protection*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 85, *Eye protective equipment*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

NOTE Resulting of the replacement in the proposed revision of ISO 4007 of "Faded state" with "Light state" and "Darkened state" with "Dark state" this Amendment introduces changes in all paragraph where the word "Faded" and "Darkened" was used.

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Part 1: Sunglasses for general use

AMENDMENT 1

2 Normative references

Replace the existing reference by the following:

“ISO 12311:2023, *Personal protective equipment — Test methods for sunglasses and related eyewear*”

3.2 Electro-optical filter

Replace “faded” with “light” and “darkened” with “dark”

3.3 reaction time

Replace “faded” with “light” and “darkened” with “dark”, and write “light state” and “dark state” upright.

3.4 absorption ratio

Replace “faded” with “light” and “darkened” with “dark” and write the words upright.

4.4 Headforms

Delete the existing text and substitute by the following:

“Unless the manufacturer specifies the headform(s) in accordance with ISO 18526-4:2020 that is/are compatible with the sunglasses, the test methods where (a) headform(s) is/are required shall use the headform 1-M for adult's sunglasses and (1-C6) or (1-C12) for children's sunglasses as specified in ISO 18526-4:2020 as the default”

5.1 Test methods

Delete the first paragraph and substitute by the following:

“Transmittance values shall be determined in accordance with ISO 18526-2:2020, Clauses 7, 8, 9 and 10. If the direction of measurement is not specified, then the direction of measurement shall be normal to the surface of the test sample at its geometrical centre.”

5.2 Transmittance and filter categories

Replace “faded” with “light” and “darkened” with “dark”