



Sonnenfinsternisse, ob total, ringförmig oder partiell, sind ein beeindruckendes Naturphänomen. Doch beim Betrachten der Sonnenfinsternis müssen Sie Ihre Augen unbedingt schützen! Das geht am besten mit unseren sicheren und geprüften Sonnenfinsternisbrillen von TSE17.

Beschreibung

Alle unsere Sonnenfinsternisbrillen haben eine optische Dichte von 5 oder höher, d. h. sie sind zu 100 % sicher für die direkte Betrachtung der Sonne. Somit sind unsere Sonnenfinsternisbrillen ideal für die Betrachtung der partiellen oder ringförmigen Phasen einer Sonnenfinsternis. Einfach zu benutzen: Tragen Sie die Sonnenfinsternisbrille einfach wie eine normale Brille. Die Oberfläche der Sonne erscheint in einem angenehmen Orangeton.

Sicherheitshinweise

Bitte überprüfen Sie vor jedem Gebrauch die Vorder- und Rückseite der Gläser auf Schäden wie Kratzer, Nadellöcher oder Ablösungen vom Rahmen. Tragen Sie Ihre Sonnenfinsternisbrille, um Ihre Augen vor der Sonnenstrahlung zu schützen, *wann immer* Sie in die helle Sonne oder die Reflexion der Sonne schauen. Wenn Sie eine Sonnenfinsternis beobachten, sollten Sie Ihre Sonnenfinsternisbrille immer dann aufsetzen, wenn während der partiellen und ringförmigen Phasen irgendein Teil der

hellen Sonne zu sehen ist, egal wie klein er ist. Kinder sollten die Sonne nur unter Aufsicht von Erwachsenen beobachten.



EU type-examination certificate

C4364.1APM

Applicant / manufacturer

TSE 17 GmbH
Ander Heithörn 5
1809 Hanshagen

GERMANY

Identification of the manufacturer

APM

Product type

Solar-filter-foil, for direct observation of the sun.
Filter foil are assembled in frames with different design (see schedule)

Model name

APMSOFiFolie (TSE 17 filter)

Standard(s) /
technical rules

Essential requirements according to
Annex II of the PPE Regulation (EU) 2016/425
EN ISO 12312-2:2015

Test report(s)

25_215_1 / TM: 25_215A_1

Material, optical
and mechanical properties

Filter: Filter - foil (Thickness: $s = 0.03\text{mm}$)
Luminous transmittance rel. NA ($2.03 \cdot 10^{-4}\%$)
(See page 2 for different versions of paper frames)

Marking/Labeling:

Front side: www.tse17.com (Manufact. Reference)

Inner side: IFU (4 languages)+ CE (Mark) + ISO
12312-2 (standards applied)

+ warnings: - that viewing the sun without an appropriate filter can result in permanent eye injury;

- that filters that are damaged or separated from their mountings should be discarded;

+ advice on storage, cleaning, and maintenance,

+ obsolescence deadline or period of obsolescence,

Herewith, ECS certifies that the named model complies with the essential requirements for health and safety as they are provided by the European Regulation (EU) 2016/425 for Personal Protective Equipment. This certificate is based both / either on the test results as they are summarized in the named test reports, and/or on the technical documentation as it is delivered by the manufacturer. The applicant / manufacturer agree to the General Business Rules of the ECS GmbH and to additional agreements as they are named in the application for conformity assessment.

The eye-protection device is to be marked as assigned. Either / both the frame and/or the ocular, spectacle, goggle or shield must be signed, as appropriate. If different markings have been assessed, the lowest marking must be applied, respectively.

The validity of this EU type-examination certificate will expire on the date as mentioned below, and/or if the manufacturer modifies the safety-relevant properties of this product with comparison to the tested one and/or if the requirements in the standards or technical rules will be revised and/or tightened.

Name, address and identification number 1883 of the notified body ECS are to be indicated in the information brochure of this product.

This EU type-examination certificate is valid until 2030-09-08.

ECS GmbH
Notified Body 1883
09/09/25


Rolf Diebold
ECS-Certification



ECS GmbH – European Certification Service
Augenschutz und Persönliche Schutzausrüstung
Laserschutz und Optische Messtechnik
Obere Bahnstraße 74
73431 Aalen, Germany

TSE¹⁷

Declaration of Conformity

This declaration of conformity is issued under the sole responsibility of the manufacturer:



**TSE17 GmbH
An der Heithörn 5
17509 Hanshagen
Germany**

declares that the PPE described thereafter

**Eclipse Glasses TSE17 Filters for direct observation of the Sun
Eclipse Glasses LUNT Filters for direct observation of the Sun
TSE17 Filters for direct observation of the Sun, Kid Bleed
LUNT Filters for direct observation of the Sun, Kid Bleed**

are in conformity with the provisions of the Directive 2001/95/EC on general product safety and the PPE Regulation (EU) 2016/425 and, where such is the case, with the national standard transposing harmonized standard no.

ISO 12312-2:2015

and is identical to the PPE which is subject of

CE Type Certification Certificate No.: C4364.1APM,
(Test Report No.: 25_215_1 dd. 2025-09-09)

issued by ECS GmbH, Obere Bahnstraße 74, 73431 Aalen, Germany
Eye Protection and Personal Protective Equipment Notified Body 1883

as per Module B and is subject to the conformity assessment procedure set out in Module C as per PPE Regulation (EU) 2016/425.

Done at Hanshagen, Germany, on this date

Hanshagen [Signature]
City, Date Signature

03. September 2025

Kontakt

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Inhaltlich verantwortlich

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