TECTOR

CE EN

Instructions and information from the manufacturer: **Version: 2024.06.27**

Information brochure for personal protective equipment (PPE) according to regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016, Annex II, Section 1.4. (Source: Official Journal of the European Union)

WARNING: Please read this information leaflet carefully before using the PPE. You are obliged to enclose this information leaflet with ANY personal protectiv e equipment when passing it on or hand it over to the recipient. For this purpose, this sheet can be reproduced without restriction.

The product meets the requirements of the European technical standard:
Personal eye protection_risk category II_standard: EN 166:2001_published by CEN European Committee for Standardization, harmonized by publication in the Official Journal of the European Union, available from DIN Media GmbH, 10787 Berlin, www.dinmedia.de

Applicable to all eye protection models mentioned, the model trade name and model number are indicated on the packaging: Model group: 4158, 41972, 41973

Name and address of the notified body which carried out the conformity assessment and the EU type-examination certificate issued by:
ALIENOR CERTIFICATION, ZA du Sanital – 21 rue Albert Einstein, FR-86100 Chatellerault (France)
EU identification number: 2754
The EU declaration of conformity can be found at: www.feldtmann.de/Konformitaetserklaerungen

Meanings of the markings

CE The CE marking certifies that the product complies with the applicable requirements of the regulation (EU) 2016/425.

The symbol indicates that the manufacturer's information should be read before using.

TECTOR registered trademark, manufacturer's identification

The date clock shows the date of manufacture (month/year).

Manufacturer of PPE

QR code to retrieve via your camera with scanner app, www.feldtmann.de

Instructions for storage, transport, disposal
Store and transport the product properly in the closed original packaging. Avoid extreme temperatures, direct sunlight, light, moisture, damage from abrasion and contact with chemicals. Dispose of in accordance with local regulations. Used glasses may be contaminated with environmentally harmful or dangerous substances, possibly even unintentionally. In this case, special local disposal regulations must be observed.

Instructions for cleaning, disinfection, hygienic measures
Regular cleaning, especially after use-related contamination, with a mild soap solution and lukewarm water is recommended. Any chemical cleaning agents and disinfectants as well as hot water should be avoided. In the event of critical contamination or material changes, the product must be replaced. After improper cleaning, the manufacturer no longer accepts responsibility for the product.

Instructions for hazard assessment, risks against which the PPE is intended to protect, use
Each deployment is subject to a risk assessment by an authorized person.
It is the responsibility of the user and not the manufacturer to check suitability for the intended application. The markings on the frames and lenses must be taken into account. The type, extent, duration and probability of the hazard must be recorded. Possible risks for glasses according to EN 166:2001 are, for example, mechanical, optical, chemical, thermal, biological and electronic. In addition to the basic requirements, there are optional additional requirements, which you can find in table 1.
Before each use, check the product for suitability for the intended activity and for the correct size and secure fit. If you have any questions, contact your safety officer, supplier or the manufacturer.
WARNING: The glasses only protect against the risk indicated if they are marked with the corresponding symbol. Areas of use other than those marked are expressly excluded.

Accessories, spare parts
There are no replacement parts or accessories for these eye protection models. The eye protection models must not be modified.

Instructions for maintenance, inspection and general safety instructions
Materials that come into contact with the wearer's skin can cause allergic reactions in sensitive people. Defective glasses must be replaced immediately. This applies, for example, to scratches, breaks or any other material changes and also to invisible changes (eg. hairline cracks after an impact). Check the product for damage or material changes after storage and before each use.
Eye protection devices designed to protect against high-velocity particles may pose a risk to the wearer by transmitting shocks when worn over standard prescription glasses.

Performance of PPE achieved under laboratory conditions during technical tests

frame

TECTOR	EN 166	S	CE	(item 41972, 41973)
TECTOR	EN 166	F	CE	(item 4158)

Manufacturer's identification
Number of this standard
Abbreviation for impact protection (see table 2)
CE-marking

lens

2C – 1,2	TEC	1	S	CE	(item 41972)
2C – 1,2	TEC	1	F	CE	(item 4158)
5 – 3,1	TEC	1	S	CE	(item 41973)

scale number (only for filters)
Manufacturer's identification
Optical class
Abbreviation for impact protection
CE-marking

Marking of frame

TECTOR®	registered trademark, manufacturer's identification
EN 166	Reference to the standard EN 166 (European standard no.)
3, 4, 5, 8, 9	Abbreviation for the field(s) of application, definition see table 1
S, F, B, A	Abbreviations for impact protection, definition see table 2
FT, BT, AT	Abbreviations for impact protection at extreme temperatures (optional), definition see table 2
H	Frame is designed for small head size (optional)
CE	conformity mark (EU) 2016/425

Marking of lens

2, 2C, 4, 4C, 5, 6	Abbreviations for the filter properties, definition see table 3
1.1 to 16	Shade number, definition see table 3
TECTOR®	Registered trademark, manufacturer's identification
1, 2, 3	Optical class, definition see table 4
S, F, B, A	Abbreviations for impact protection, definition see table 2
FT, BT, AT	Abbreviations for impact protection at extreme temperatures (optional), definition see table 2
8, 9	Repetition of the fields of application (mutual compatibility of support frame and lens), (optional), definition see table 1
K	Abbreviation for surface resistance to damage caused by small particles (optional)
N	Abbreviation for the resistance to fogging of the lenses (>8 s anti-fog) (optional)
CE	conformity mark (EU) 2016/425

Table 1
Field(s) of application
The intended field of application is shown as a single-digit number. If the product covers more than one field of application, the relevant numbers are marked one after the other in ascending numerical order on the frame.

Meaning of the marking of the frame – example

Abbreviation	Designation	field of application
None	Basic use	Unspecified mechanical risks and hazards due to ultraviolet, visible and infrared radiation and solar radiation (Application for spectacles, basket spectacles and Face shields)
3	Liquids	Liquids (drops and splashes) (application only for Goggles (drops) and face shields (splashes)
4	Coarse dust	Dust with a grain size > 5 µm (only for Goggles)
5	Gas and fine dust	Gases, vapours, mists, smoke and dust with a Particle size < 5 µm (Application only for goggles)
8	Arc fault	electrical arc in the event of a short circuit in electrical Annexes (applies only to face shields)
9	Molten metal and hot solids	Splashes of molten metals and penetration of hot solids (Applies only to goggles and face shields)
H	frame is designed for small head size (optional)	
CE	conformity mark	

(WARNING NOTE for symbol 8: Only applicable if the frame and lens is marked with the symbol 8)
(WARNING for symbol 8: For a face shield to correspond to symbol 8 for the field of application, it must be equipped with a filter of scale number 2 – 1.2 or 3 – 1.2 and have a minimum thickness of 1.4 mm)
(WARNING for symbol 9: Only applicable if frame and lens is marked with the symbol 9)
(WARNING for symbol 9: In order for an eye protector to correspond to symbol 9 for the field of application, both the frame and the lens must be marked with this symbol, together with one of the symbols F, B or A.

Table 2
Impact protection (of the frame and the lens)
The test of impact protection carried out under laboratory conditions provides information on the resistance to high-speed particles and is identified by an abbreviation; the test according to abbreviation T is optional.

Assignment of abbreviations – example

Abbreviation	requirement for impact protection
Without	minimum strength
S	Increased strength (test 43 g steel ball, 5.1 m/s)
F	Low energy impact (test 0.86 g steel ball, 45 m /s)
B	Impact with medium energy (test 0.86 g steel ball, 120 m/s) (only for goggles and face shields)
A	High energy impact (test 0.86 g, 190 m/s) (applies only to face shields)
T	Protection against high-speed particles at extreme temperatures (–5/+55°C) (optional)

WARNING: If symbols F, B and A do not apply to both the lens and the frame, the eye protection shall be given the lower level.
WARNING: If protection against high velocity particles is required at extreme temperatures, eye protection marked FT, BT or AT must be selected. If the letter F, B, A is not followed by the letter T (FT, BT, AT), the eye protection device must only be used against high velocity particles at room temperature.

Table 3
Meaning of the marking of the lens – example
Each filter performance (transmission property) is described in the markings by the scale number as a combination of the code number (prefix) and the tint number (protection level) connected by a hyphen.

prefix	protection level	standards
None	1.2 up to 16	welding protection filters (Test according to EN 169:2002)
2	1.2 to 5	ultraviolet protection filter, color recognition may be impaired, if no marking 2C protection level (Tested according to EN 170:2002)
4	1.2 to 10	infrared protection filters (Test according to EN 171:2002)
5	1.1 to 4.1	Sun protection filters for commercial use without Infrared requirement (Tested according to EN 172:1994 + A1:2000 + A2:2001)
6	1.1 to 4.1	Sun protection filters for commercial use with Infrared requirement (Tested according to EN 172:1994 + A1:2000 + A2:2001)
C	After the code number, identifies lenses with higher color identification performance (EN 170:2002)	

WARNING: Glasses with a scale number 2 – 1.2 to 2 – 5 may alter colour perception if they are not marked 2C.
(WARNING: Glasses with protection level 5 – 4.1 and 6 – 4.1 are unsuitable for driving and road traffic.)
(WARNING: Sun protection filters are not suitable for looking directly into the sun (e.g. during solar eclipses). For this, welding protection filters with protection levels 12 to 16 according to EN 169 must be used.)

Table 4
Optical classes
1 enables work with particularly high visual performance requirements (for continuous use)
2 for work with average visual performance requirements
3 For rough work without major visual demands, not suitable for long-term use.

Name and address of manufacturer, Contact address for further questions:
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