



CERTOTTICA

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Membro degli Accordi di Mutuo Riconoscimento
EA, IAF e ILAC
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Mutual Recognition Agreements

EU TYPE-EXAMINATION CERTIFICATE

no: AC 21042 Rev.1

Pursuant to Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016,

CERTOTTICA Srl

Italian Institute for the certification of optical products
Notified body under PPE Regulation with identification number: 0530

considering application for EU type-examination no. **21066** submitted on **07/04/2021**

CERTIFIES THAT

the following personal protective equipment type

Personal eye protector - Spectacle
3M™ SecureFit 500 Series

submitted by

3M United Kingdom PLC
3M Centre, Cain Road, Bracknell Berkshire RG12 8HT - UNITED KINGDOM

meet the essential health and safety requirements which apply to it.

Description of the personal protective equipment model, references to the standards, test results and description of the CE marking placed on the equipment are described on pages 2, 3 and 4 of this document.

First issued on: **12/03/2021**
Renewal or revision date: **16/04/2021**
Expiry date: **11/03/2026**
Longarone, **16/04/2021**

Certification Services Manager
(Giorgio Sommariva)

Longarone

S.C.R.L.

This document has no. 4 numbered pages.

1. Description of the Personal Protective Equipment

Identification of the PPE: 3M™ SecureFit 500 Series
 Trade name: 3M™
 Kind of equipment: Personal eye protector - Spectacle
 Ocular Material: Polycarbonate
 Frame Material: Polycarbonate and Nylon
 In compliance with Standard(s): EN 166:2001 and /
 PPE Category: II
 Field(s) of use: Protection against high-speed particles at extremes of temperature - Low energy impact;
 Protection against optical radiation - Welding filters - EN 169 (IR1.7, IR3.0 and IR5.0 oculars);
 Protection against optical radiation - Ultraviolet filters - EN 170 (Clear and Amber oculars);
 Protection against optical radiation - Sunglare filters for industrial use - EN 172 (Grey, Brown, I/O Grey, Light Brown and Silver Mirror); Resistance to surface damage and fogging of oculars.

Note: The present EU type-examination certificate is the first revision of the previous certificate issued by Certottica on 12/03/2021 with number AC 21042. This first revision adds the IR5.0 ocular variant.
 The eye-protector model 3M™ SecureFit 500 Series has twelve ocular variants: Clear SGAF - codes **SF501SGAF-BLK**, **SF501SGAF-BLK-FM**, **SF501SGAF-GRN** and **SF501SGAF-RED** (protection against optical radiation - ultraviolet filters with resistance to: surface damage and fogging), Amber - code **SF503SGAF-BLK** (protection against optical radiation - ultraviolet filters with resistance to: surface damage and fogging), Grey - code **SF502SGAF-BLK** (protection against optical radiation - sunglare filters with resistance to: surface damage and fogging), Brown - code **SF505SGAF-DGR** (protection against optical radiation - sunglare filters with resistance to: surface damage and fogging), I/O Grey - code **SF507SGAF-BLK** (protection against optical radiation - sunglare filters with resistance to: surface damage and fogging), Light Brown - code **SF528SGAF-DGR** (protection against optical radiation - sunglare filters with resistance to: surface damage and fogging), Clear AF - code **SF501AF-BLK** (protection against optical radiation - ultraviolet filters), Silver Mirror - code **SF509AF-BLK** (protection against optical radiation - sunglare filters), Clear ASP - code **SF501ASP-BLK** (protection against optical radiation - ultraviolet filters with resistance to surface damage), IR1.7 - code **SF517ASP-GRN** (protection against optical radiation - welding filters with resistance to surface damage), IR3.0 - code **SF530ASP-GRN** (protection against optical radiation - welding filters with resistance to surface damage) and IR5.0 - code **SF550ASP-GRN** (protection against optical radiation - welding filters with resistance to surface damage).
 The 3M™ SecureFit 500 Series safety spectacles can be assembled with an internal gasket in Polypropylene and EVA.

Manufacturer's name: 3M United Kingdom PLC
 Manufacturer's address: 3M Centre, Cain Road, Bracknell Berkshire RG12 8HT - UNITED KINGDOM
 Authorised representative's name: /
 Authorised representative's address: /
 Certificate's holder: 3M United Kingdom PLC
 Holder's address: 3M Centre, Cain Road, Bracknell Berkshire RG12 8HT - UNITED KINGDOM



2. Levels of protection offered by the PPE

Applicable harmonised standards/technical specifications:

EN 165:2005 - Personal eye-protection - Vocabulary

EN 166:2001 - Personal eye-protection - Specifications

EN 169:2002 - Personal eye-protection - Filters for welding and related techniques - Transmittance requirements and recommended utilisation

EN 170:2002 - Personal eye-protection - Ultraviolet filters - Transmittance requirements and recommended use

EN 172:1994/A1:2000/A2:2001 - Personal eye-protection - Sunglare filters for industrial use

Personal protection equipment model: 3M™ SecureFit 500 Series

complies with the basic requirements and with the following additional requirements provided for by the harmonised standard(s)/technical specification(s) for the particular use of this PPE in the foreseeable conditions of use :

EN 166:2001 and /

Protection against high-speed particles at extremes of temperature - Low energy impact;

Resistance to surface damage by fine particles (except SF501AF and SF509AF ocular variants);

Resistance to fogging of oculars (except SF501AF, SF509AF, SF501ASP, SF517ASP, SF530ASP and SF550ASP ocular variants).

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Moreover, the personal protection equipment complies with the specific requirements provided for by the connected harmonised standard(s)/technical specification(s) for the particular fields of use:

EN 169, EN 170 and EN 172

The eye-protector model 3M™ SecureFit 500 Series with the IR1.7, IR3.0 and IR5.0 ocular variants is designed for protection against optical radiation - welding filters. The eye-protector model 3M™ SecureFit 500 Series with the Clear and Amber ocular variants is designed for protection against optical radiation - ultraviolet filters. The eye-protector model 3M™ SecureFit 500 Series with the Grey, Brown, I/O Grey, Light Brown and Silver Mirror ocular variants is designed for protection against optical radiation - sunglare filters for industrial use.

3. Test and examinations results are covered by the following test reports:

CERTOTTICA	201294	28/04/2020
CERTOTTICA	201295	28/04/2020
CERTOTTICA	205401 ÷ 205409	13/11/2020
CERTOTTICA	205410	13/11/2020
CERTOTTICA	206807	17/12/2020
CERTOTTICA	210389	20/01/2021
CERTOTTICA	210378	03/02/2021
CERTOTTICA	210379	03/02/2021
CERTOTTICA	211537	25/03/2021

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4. The marking elements reproduced on the oculars are the following:

		Ocular 1	Ocular 2
Variant	Clear and Amber oculars	2C-1,2	/
Scale Number	Grey and Silver Mirror oculars	5-3,1	/
	Brown ocular ; I/O Grey ocular ; Light Brown ocular	5-2,5 ; 5-1,7 ; 5-1,4	/
	IR1.7 ocular ; IR3.0 ocular ; IR5.0 ocular	/	1,7 ; 3 ; 5
Manufacturer's Identification		3M	3M
Optical class		1	1
Standard of reference			
Symbol of Mechanical Resistance		FT	FT
Resistance to surface damage (except SF501AF & SF509AF oculars)		K	K
Resistance to fogging (except SF501AF, SF 501ASP & SF509AF oculars)		N	/
/		/	/
/		/	/
/		/	/
CE Marking		CE	CE

Marking position: On the front side of the left ocular, in the upper position.

5. The Marking elements reproduced on the frame are the following:

Manufacturer's Identification	3M
Reference standard	EN 166
Protection against high-speed particles at extremes of temperature - Low energy impact	FT
/	/
/	/
/	/
/	/
CE Marking	CE

Marking position: On the right temple, inner position.

6. Statement for category III PPE:

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Terms and conditions under which the Certificate is issued

- Marking and instructions have been examined in English. Obtaining and supplying versions in languages accepted by the countries where the product is sold are under the complete responsibility of the Manufacturer or of his authorized representative.
- Any changes to the product, to the technical documentation or, in set cases, to the manual or to the quality control procedures, shall be notified in time to Certottica.
- The Manufacturer or his authorized representative shall respect the procedures and rules provided for by Certottica for the issuing of the EU type-examination.
- Copies of this EU type-examination certificate, supplied to third parties, shall be reproduced in their entirety.
- This EU type-examination certificate shall be kept by the Manufacturer to be shown, on request, to the market surveillance authorities.
- This EU type-examination certificate remains property of Certottica, which can ask it to be returned if any of the above mentioned conditions is not respected.

