

**CERTOTTICA**  
*Istituto Italiano per la Certificazione dei prodotti Ottici Srl*  
**Zona Industriale Villanova**  
**I - 32013 Longarone BL**  
Tel.: ++39 437 573157 Fax: ++39 437 573131 E-Mail: [info@certottica.it](mailto:info@certottica.it)



PRD N°142B  
Membro degli Accordi di Mutuo Riconoscimento  
EA, IAF e ILAC  
Signatory of EA, IAF and ILAC  
Mutual Recognition Agreements

## EU TYPE-EXAMINATION CERTIFICATE

no: AC 20188

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. 20221 submitted on 17/06/2020

### CERTIFIES THAT

the following personal protective equipment type

**Personal eye protector - Spectacle**  
**3M™ SecureFit 100 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: 26/06/2020

Renewal or revision date: /

Expiry date: 25/06/2025

Longarone, 26/06/2020

Certification Services Manager  
(Giorgio Sommariva)

**Longarone**

**S.C.R.L.**

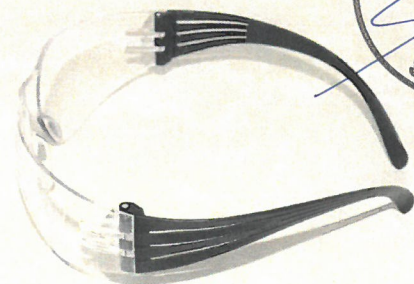
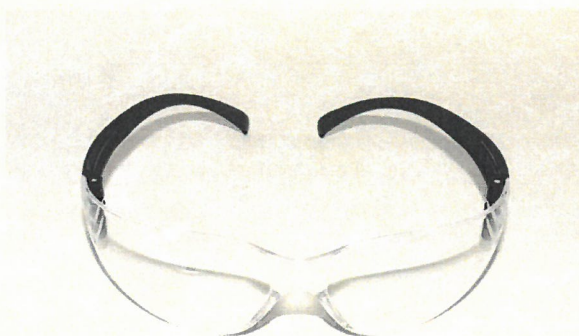
This document has no. 4 numbered pages.

**1. Description of the Personal Protective Equipment**

Identification of the PPE: 3M™ SecureFit 100 Series  
Trade name: 3M™  
Kind of equipment: Personal eye protector - Spectacle  
Ocular Material: Polycarbonate  
Frame Material: Polycarbonate and Polyester  
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 - Ultraviolet filters - EN170 (Clear and Amber oculars);  
Protection against optical radiation - Sunglare filters for industrial use - EN172 (Grey and IO Grey oculars).  
/

Note: Eye-protector model 3M™ SecureFit 100 Series has five ocular variants: Clear AS - codes **SF101AS-BLK** and **SF101AS-BLU** (protection against optical radiation - Ultraviolet filter), Clear AF-AS - codes **SF101AF-BLK** and **SF101AF-BLU** (protection against optical radiation - Ultraviolet filter), Gray AF-AS - code **SF102AF-BLU** (protection against optical radiation - Sunglare filters for industrial use), Amber AF-AS - code **SF103AF-BLU** (protection against optical radiation-Ultraviolet filter) and IO Grey AF-AS - code **SF107AF-BLU** protection against optical radiation - Sunglare filters for industrial use.

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 166:2001 - Personal eye-protection - Specifications

EN 167:2001 - Personal eye-protection - Optical test methods

EN 168:2001 - Personal eye-protection - Non-optical test methods

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 100 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.

/

/

/

/

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 170 and EN 172

The eye-protector model 3M™ SecureFit 100 Series with the ocular variants: Clear AS, Clear AF-AS and Amber AF-AS is designed for protection against optical radiation - ultraviolet filters;

The eye-protector model 3M™ SecureFit 100 Series with the ocular variants: Grey AF-AS and IO Grey AF-AS 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 | 201946 | 22/05/2020 |
| CERTOTTICA | 201947 | 22/05/2020 |
| CERTOTTICA | 201948 | 22/05/2020 |
| CERTOTTICA | 201949 | 22/05/2020 |
| CERTOTTICA | 201950 | 22/05/2020 |
| /          | /      |            |
| /          | /      |            |
| /          | /      |            |
| /          | /      |            |
| /          | /      |            |



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

|                                        |                                         | Ocular 1      | Ocular 2 |
|----------------------------------------|-----------------------------------------|---------------|----------|
| <b>Variant</b>                         | <b>Clear AS and Clear AF-AS oculars</b> | <b>2C-1,2</b> | <b>/</b> |
| <b>Scale Number</b>                    | <b>Amber AF-AS ocular</b>               | <b>2C-1,2</b> | <b>/</b> |
|                                        | <b>Grey AF-AS ocular</b>                | <b>5-3,1</b>  | <b>/</b> |
|                                        | <b>IO Grey AF-AS ocular</b>             | <b>5-1,7</b>  | <b>/</b> |
| <b>Manufacturer's Identification</b>   |                                         | <b>3M</b>     | <b>/</b> |
| <b>Optical class</b>                   |                                         | <b>1</b>      | <b>/</b> |
| <b>Standard of reference</b>           |                                         |               | <b>/</b> |
| <b>Symbol of Mechanical Resistance</b> |                                         | <b>FT</b>     | <b>/</b> |
| <b>/</b>                               |                                         | <b>/</b>      | <b>/</b> |
| <b>/</b>                               |                                         | <b>/</b>      | <b>/</b> |
| <b>/</b>                               |                                         | <b>/</b>      | <b>/</b> |
| <b>/</b>                               |                                         | <b>/</b>      | <b>/</b> |
| <b>/</b>                               |                                         | <b>/</b>      | <b>/</b> |
| <b>CE Marking</b>                      |                                         | <b>CE</b>     | <b>/</b> |

Marking position: On the top of the right ocular, front side.

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

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

Marking position: On the right temple, inner position.

**6. Statement for category III PPE:**

/

**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.

