

EU type-examination certificate

C2053.6 3M

Applicant / manufacturer	3M Personal Safety Division 3M Centre Cain Road BRACKNELL, RG128 HT UNITED KINGDOM
Identification of the manufacturer	3M
Product type	Eye-protector, safety spectacles with filtering action, UV and sunglare filters
Model name	3M SecureFit Protective Eyewear see schedule identifying the different models
Standard(s) / technical rules	Essential requirements according to Annex II of the PPE-Regulation (EU) 2016/425 EN 166 : 2001, EN 170 : 2002, EN 172 : 1994 + A1 : 2000 + A2 : 2001 EN ISO 8980-1 : 2004 / AC : 2006
Test report(s)	1235-ECS-15, 1163-ECS-16, 1179-ECS-16, 1250-ECS-17, 1159-ECS-18, 1155-ECS-19
Material	Polycarbonate
Marking	UV: 2C-X 3M 1 FT Z – 166 FT CE Sunglare: 5-Y 3M 1 FT Z – 166 FT CE for details see schedule for the different models

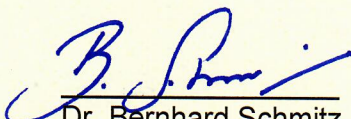
Herewith, ECS certifies that the named model complies with the essential requirements for health and safety as they are provided by the European Regulation (EU) 2016/425 for Personal Protective Equipment. This certificate is based both / either on the test results as they are summarized in the named test reports, and/or on the technical documentation as it is delivered by the manufacturer. The applicant / manufacturer agrees 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 2021-03.

ECS GmbH
Notified Body 1883
21/05/19


Dr. Bernhard Schmitz
ECS-Certification



ECS GmbH – European Certification Service
Augenschutz und Persönliche Schutzausrüstung
Laserschutz und Optische Messtechnik
Hüttfeldstraße 50
73430 Aalen, Germany

Company: 3M Personal Safety Division, BRACKNELL, UK

Annex to the EU type-examination certificate registration number C2053.6 3M,
dated from 21/05/19.

The following products are included in this EU type-examination certificate:

Model name	Lens colour	Measurement report	Scale and marking for the unit of ocular and frame
SF401AF	CLEAR PC	12351-ECS-15 12356-ECS-15	UV-filtering action: 2C-1.2 3M 1 FT – 166 FT CE
SF402AF	GRAY PC	12352-ECS-15 12356-ECS-15	Sunglare filtering action: 5-3.1 3M 1 FT – 166 FT CE
SF403AF	AMBER PC	12353-ECS-15 12356-ECS-15	UV-filtering action: 2C-1.2 3M 1 FT – 166 FT CE
SF408AS	BLUE MIRROR	12354-ECS-15 12356-ECS-15	Sunglare filtering action: 5-3.1 3M 1 FT – 166 FT CE
SF410AS	INDOOR / OUTDOOR MIRROR	12355-ECS-15 12356-ECS-15	Sunglare filtering action: 5-1.7 3M 1 FT – 166 FT CE
SF415AF	CLEAR PC +1.5 diopter lens	11791-ECS-16 11794-ECS-16	UV-filtering action: 2C-1.2 3M 1 FT – 166 FT CE +1.5 dpt
SF420AF	CLEAR PC +2.0 diopter lens	11792-ECS-16 11794-ECS-16	UV-filtering action: 2C-1.2 3M 1 FT – 166 FT CE +2.0 dpt
SF425AF	CLEAR PC +2.5 diopter lens	11793-ECS-16 11794-ECS-16	UV-filtering action: 2C-1.2 3M 1 FT – 166 FT CE +2.5 dpt
SF401SGAF	CLEAR	12501-ECS-17 12506-ECS-17	UV-filtering action: 2C-1.2 3M 1 FT K N– 166 FT CE
SF403SGAF	AMBER	12502-ECS-17 12506-ECS-17	UV-filtering action: 2C-1.2 3M 1 FT K N– 166 FT CE
SF402SGAF	GREY	12503-ECS-17 12506-ECS-17	Sunglare filtering action: 5-3.1 3M 1 FT K N – 166 FT CE
SF405SGAF	BROWN	12504-ECS-17 12506-ECS-17	Sunglare filtering action: 5-2.5 3M 1 FT K N – 166 FT CE

Company: 3M Personal Safety Division, BRACKNELL, UK

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Model name	Lens colour	Measurement report	Scale and marking for the unit of ocular and frame
SF407SGAF	IN/OUT	12505-ECS-17 12506-ECS-17	Sunglare filtering action: 5-1.7 3M 1 FT K N – 166 FT CE
SF406SGAF	ORANGE	12507-ECS-17 11551-ECS-19	UV-filtering action: 2-1.7 3M 1 FT K N – 166 FT CE
SF422XSGAF-EU	VERMILLION	11591-ECS-18 11594-ECS-18	UV-filtering action: 2-2 3M 1 FT K N – 166 FT CE
SF416XAS-EU	REVO ORANGE MIRROR	11592-ECS-18 11594-ECS-18	Sunglare filtering action: 5-3.1 3M 1 FT – 166 FT CE
SF401XRAS-EU	CLEAR	11593-ECS-18	UV-filtering action: 2C-1.2 3M 1 FT K – 166 FT CE
SF401XSGAF-EU	CLEAR	11595-ECS-18	UV-filtering action: 2C-1.2 3M 1 FT K N – 166 FT CE
SF402XSGAF-EU	GREY	11595-ECS-18	Sunglare filtering action: 5-3.1 3M 1 FT K N – 166 FT CE
SF407XSGAF-EU	IN/OUT	11595-ECS-18	Sunglare filtering action: 5-1.7 3M 1 FT K N – 166 FT CE
SF403XSGAF-EU	AMBER	11595-ECS-18	UV-filtering action: 2C-1.2 3M 1 FT K N – 166 FT CE

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Valid for all types:

- Optical class: 1
- Protection against high-speed particles, low energy impact at extremes of temperatures (FT)

Valid for various types:

- C: Recognition of signal lights
- K: Resistance to surface damage by fine particles
- N: Resistance to fogging of oculars

Additional remark:

If the lenses and frames are marked separately, the following markings shall be applied:

- for the lenses: X / Y 3M 1 FT CE (for X, Y, Z see table above)
- for the frame: 3M 166 FT CE

The SF400 safety spectacles can be assembled with a gasket for gap reduction and increased cushioning.