



## 3M™ SecureFit™ SF400 Series Safety Spectacles

### Product Description

The 3M SF400 Series is an extension to the successful SecureFit range of protective eyewear. Each model in the SF400 series is comprised of a rimless lens and fixed-length temple arm. An integrated side-shield is included for added protection. Temples feature 3M™ Pressure Diffusion Temple Technology which helps diffuse pressure over the ear to enhance frame comfort across a diverse workforce. This innovative design promotes improved comfort and security of fit. Adjustable nose pads and soft-touch temple inlays provide increased comfort and improved grip.

### Product Range

SF401AF-EU, PC Clear AS/AF  
SF402AF-EU, PC Grey AS/AF  
SF403AF-EU, PC Amber AS/AF  
SF408AS-EU, PC Blue Mirror AS  
SF410AS-EU, PC I/O Mirror AS

### Intended Use

These products are intended for protection against high speed particles at low energy (F) at extreme temperature conditions, -5°C and +55°C, (T) in accordance with EN166:2001. They also protect against UV radiation in accordance with EN170:2002 (clear and amber lenses), and sun glare in accordance with EN172:1994 (grey, I/O and blue mirror lenses).

A number of lens options are available for a variety of different applications:

- **Clear** – Good colour recognition and excellent UV protection
- **Grey** – Protection from sunglare
- **Amber** – Enhanced contrast in low light conditions
- **Blue mirror** – Protection from sunglare
- **I/O mirror** – Perfect for workers that move in and out of strong sunlight

### Key Features

- Optical class 1 lens suitable for prolonged use
- Design provides excellent coverage and good field of vision
- Offers excellent protection against Ultraviolet (UV) radiation
- Lightweight design (19g)
- 3M™ Pressure Diffusion Temple Technology for secure and comfortable fit
- Adjustable nose pads for a personalised fit
- Soft-touch dual moulded temples for increased comfort and grip

### Applications

These products can be used in a wide range of applications including:

- Construction
- Engineering
- General assembly
- Inspection work
- Light duty maintenance and repair

### Use Limitation

- Never modify or alter this product
- Do not use this product against hazards other than those specified in this document.
- These products are not suitable for grinding or welding
- These products are NOT designed to be worn over prescription spectacles.
- In accordance with EN166:2001 safety spectacles cannot be tested and approved for use against liquid droplets. Where liquid protection is specified a suitable product should be considered, for example safety goggles.

## Standards and Approval

This protective eyewear has been shown to meet the basic safety requirements under Article 10 of the European Community Directive 89/686/EEC and is thus CE marked.

These products have been examined at the design stage by ECS GmbH - European Certification Service, Huettfeldstrasse 50, 73430 Aalen, Germany (Notified Body number 1883).

These products are tested and CE approved against EN166:2001.

## Materials Listing

Component	Material
Lens	Polycarbonate
Temple Arm	Polycarbonate
Temple inlay	TPE
Temple Pin	Stainless steel
Weight	19g

## Important Notice

3M does not accept liability of any kind, be it direct or consequential (including, but not limited to, loss of profits, business and/or goodwill) arising from reliance upon any information herein provided by 3M. The user is responsible for determining the suitability of the products for their intended use. Nothing in this statement will be deemed to exclude or restrict 3M's liability for death or personal injury arising from its negligence.

## Marking

The products have demonstrated compliance with the requirements of EN 166:2001 and associated standards and bear the following marks:

### Lens marking

Clear lens	2C-1.2 3M 1 FT
Grey lens	5-3.1 3M 1 FT
Amber lens	2C-1.2 3M 1 FT
Blue mirror lens	5-3.1 3M 1 FT
I/O lens	5-1.7 3M 1 FT

### Frame marking

All variants SF400 Series	3M EN166 FT CE
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## Explanation of Marking

Marking	Description
2C-1.2 (EN 170:2002)	UV protection with good colour recognition. This product conforms to the requirements of the standard, providing UV protection for the complete specified range (210nm – 365nm).
5-1.7 and 5-3.1 (EN 172:1994 (as amended))	Sun-glare protection conforming to the requirements of the standard, providing UV protection for the complete specified range (280nm – 350nm).
1	Optical class
F	Impact protection against high speed particle at low energy (45m/s)
T	Tested for impact protection at extreme temperature conditions -5°C and +55°C



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