

Technical Fact Sheet



3M™ Metaliks Safety Spectacles

Products include:

- 71460-00001M Metaliks Clear AS/AF
- 71460-00002M Metaliks PC Grey AS/AF
- 71461-00001M Metaliks Sport PC Clear AS/AF
- 71461-00002M Metaliks Sport PC Amber AS/AF
- 71461-00003M Metaliks Sport PC Blue Mirror

Product Description:

3M Metaliks Series Safety Spectacles consist of twin-ocular lenses held in a strong metal frame. A soft-touch nose bridge and temple tips provide a high level of comfort and improved grip. A number of lens shades are available.

Intended Use:

These products are intended for protection against high speed particles at low energy (F) in accordance with EN166:2001. They also protect against UV radiation in accordance with EN170:2002, and sun glare in accordance with EN172:1994 (grey lenses only).

Key Features:

- Optical class 1 lens suitable for prolonged use.
- Design provides excellent coverage and good field of vision
- Offers excellent protection against UV radiation
- Lens coatings provide both scratch resistance and anti-fogging

Applications:

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

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

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 INSPEC International Ltd., 56 Leslie Hough Way, Salford, Greater Manchester, M6 6AJ, United Kingdom (Notified Body number 0194).

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



Marking:

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

Lens marking

Metaliks Clear:	2C-1.2 3M 1 F
Metaliks Grey:	5-3.1 3M 1 F
Metaliks Sport Clear:	2C-1.2 3M 1 FT
Metaliks Sport Amber:	2C-1.2 3M 1 FT
Metaliks Sport Blue Mirror:	5-3.1 3M 1 FT

Frame marking

Metaliks:	3M EN166 F CE
Metaliks Sport:	3M EN166 FT CE

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).
5-3.1 (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

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
- 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.
- These products are not designed to be worn over prescription spectacles

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