

# Technical Datasheet

## 3M™ OX Series Safety Eyewear



### Product Description

The 3M™ OX Series of safety eyewear has been designed to be worn over prescription spectacles. Each of the 3 variants offers unique distinctive features.

The OX1000 basic model features fixed temples and an uncoated lens.

The OX2000 comes with adjustable lock-in temples (5 positions) and rotating tips (excellent grip in all positions).

The OX3000 is intended for use in environments where hearing protection is also required. The low-profile adjustable temples have been designed to be worn in combination with 3M earmuffs. The non-slip pliable temple tips provide a comfortable fit.

### Product Range

17-5118-0000M	OX1000 blue (clear lens)
17-5118-2040M	OX2000 blue (clear lens)
17-5118-3040M	OX3000 blue (clear lens)

### 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.

### Key Features

- Optical class 1 lens suitable for prolonged use
- Offers excellent protection against UV radiation
- Designed to be worn over prescription eyewear

### Applications

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

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

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:

Clear Lens	2C-1.2 3M 1 FT
Frame (OX1000)	3M OX1000 EN166 FT CE
Frame (OX2000)	3M OX2000 EN166 FT CE
Frame (OX3000)	3M OX3000 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).
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

## Materials Listing

Component	OX1000	OX2000	OX3000
Lens	Polycarbonate	Polycarbonate	Polycarbonate
Temple	Nylon	Nylon	Nylon
Temple tips	NA	PVC	Polycarbonate and Thermoplastic elastomer
Coating	NA	DX	DX

## Use Limitation

- Never modify or alter this product
- Do not use this product against hazards other than those specified in this document.
- This product is 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.



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