

# 3M™ Overspectacles OX Series

## Technical datasheet



### Product description

The 3M™ Overspectacles OX Series have 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

Product ID	Description	Lens colour	Frame colour
OX1000	3M™ OX1000 Overspectacles with clear PC lens	Clear PC	Blue
OX2000	3M™ OX2000 Overspectacles with clear PC lens	Clear PC	Blue
OX3000	3M™ OX3000 Overspectacles with clear PC lens	Clear PC	Blue

### Typical applications

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

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

### 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 EN 166:2001.

These products also help protect against UV radiation in accordance with EN 170:2002.

### Use limitation

- ▶ Never modify or alter this product
- ▶ Do not use this product against hazards other than those specified in this document
- ▶ In accordance with EN 166:2001 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

### Key features

- ▶ Designed to be worn over prescription eyewear
- ▶ Optical Class 1 to allow prolonged comfortable wear
- ▶ Offers excellent protection against UV radiation

### Standards and approval

These products are type examined by BSI Group, Notified Body number 2797.

These products are CE marked to the requirements of European Regulation (EU) 2016/425.

The applicable legislation can be determined by reviewing the Certificate and Declaration of Conformity at [www.3M.com/Eye/certs](http://www.3M.com/Eye/certs)

### Materials listing

Description	OX 1000	OX 2000	OX 3000
Lens	Polycarbonate	Polycarbonate	Polycarbonate
Temple arms	Nylon	Nylon	Nylon
Temple tips	N/A	Polycarbonate / Thermoplastic rubber (TPR)	Polycarbonate / Thermoplastic rubber (TPR and TPE)

### Marking

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

Product ref	Lens marking	Frame marking
OX1000	2C-1.2 3M 1 FT	3M EN 166 FT CE
OX2000	2C-1.2 3M 1 FT	3M EN 166 FT CE
OX3000	2C-1.2 3M 1 FT	3M EN 166 FT CE

## Explanation of marking

Marking	Description
2C-1.2 (EN 170:2002)	UV protection. This product conforms to the requirements of the standard, providing UV protection for the complete specified range (210nm – 365nm). Products marked C provide good colour recognition.
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

## IMPORTANT NOTICE

The use of the 3M product described within this document assumes that the user has previous experience of this type of product and that it will be used by a competent professional. Before any use of this product it is recommended to complete some trials to validate the performance of the product within its expected application.

All information and specification details contained within this document are inherent to this specific 3M product and would not be applied to other products or environment. Any action or usage of this product made in violation of this document is at the risk of the user.

Compliance to the information and specification relative to the 3M product contained within this document does not exempt the user from compliance with additional guidelines (safety rules, procedures). Compliance to operational requirements especially in respect to the environment and usage of tools with this product must be observed. The 3M group (which cannot verify or control those elements) would not be held responsible for the consequences of any violation of these rules which remain external to its decision and control.

Warranty conditions for 3M products are determined with the sales contract documents and with the mandatory and applicable clause, excluding any other warranty or compensation.

For more information on 3M products and services please contact 3M.

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