Technical Datasheet

3M™ 2720 Series Safety Spectacles

Product Description

The 3M™ 2720 series offers maximum protection and simple stylish design. Products feature slim-line fixed-length temple arms and a rimless wrap-around lens for increased coverage. The range includes clear, grey and amber lens options.

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, and sun glare in accordance with EN172:1994 (grey 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 condition e.g. surface inspection

Product Range

2720	3M™ 2720 PC Clear AS/AF
2721	3M™ 2721 PC Grey AS/AF
2722	3M™ 2722 PC Amber AS/AF

Key Features

- Design provides excellent coverage and good field of vision
- Optical Class 1 to allow prolonged comfortable wear
- Offers excellent protection against UV radiation
- Simple, stylish design
- Lens coatings provide excellent scratch resistance and anti-fogging

Applications

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

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

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:

Clear lens	2C-1.2 3M 1 FT
Grey lens	5-2.5 3M 1 FT
Amber lens	2-1.2 3M 1 FT
2720 frames	3M 2720 CE EN166 FT
2721 frames	3M 2721 CE EN166 FT
2722 frames	3M 2722 CE EN166 FT

Explanation of Marking

Marking	Description
2-1.2 and 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.
5-2.5 (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
- 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.

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.

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