

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. The Maxim™ Ballistic range has also been tested against the STANAG 2920 ballistic standard. The Maxim™ Hybrid Goggle provides protection against liquid droplets.

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

- **Clear** – Good colour recognition and excellent UV protection
- **Bronze** – Protection from sunglare
- **Amber** – Enhanced contrast in low light condition e.g. surface inspection
- **Indoor/Outdoor** – Ideal for use in sunny and low light environment
- **Welding** – Two shade options available to suit individual needs

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
Clear lens (Maxim Hybrid)	3M 1 FT
Amber Lens	2C-1.2 3M 1 FT
Bronze lens	5-3.1 3M 1 FT
Indoor/Outdoor lens	5-1.7 3M 1 FT
Welding shade 3 lens	3 3M 1 FT
Welding shade 5 lens	5 3M 1 FT
Frames	3M Maxim EN166 FT CE
Frames	3M Maxim Ballistic EN166 FT CE
Frames	3M Maxim Hybrid EN166 FT CE

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 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.
- This product is not designed to be worn over prescription spectacles

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).
3 and 5 (EN 169:2002)	Welding lens providing protection against UV for the specified range (210nm to 365nm) and IR protection for the specified range (780nm to 2000nm).
3	Field of use: Liquid Product protects against liquid droplets
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

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.

Personal Safety Division

3M United Kingdom plc
3M Centre
Cain Road, Bracknell
Berkshire RG12 8HT
Tel: 0870 60 800 60
www.3M.co.uk/safety

3M Ireland Limited
The Iveagh Building
The Park
Carrickmines
Dublin 18
Tel: 1 800 320 500

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