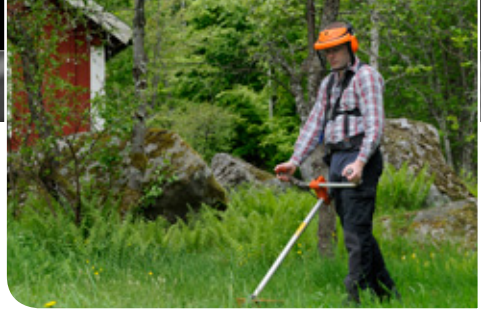
3M™ Head & Face Technical Datasheet



3M™ Headgear G500

Product desription

The 3M™ Headgear G500 provides a versatile and comfortable solution for wearers who require both face and hearing protection. With special design features making it easy to combine the headgear with other 3M safety products such as face shields, passive earmuffs or communication headsets and integrated eyewear.

Key Features:

- Ratchet for size adjustment
- Printable front cover for customized solutions
- Replaceable plastic sweatband
- Compatible with a wide range of 3M™ Peltor™ passive and communications Ear muffs
- Suitable for attaching integrated eyewear V6*

Applications

- Gardening
- Forestry

Size:

The fitting is adjustable between 54 and 62 cm

Use and storage:

Temperature range for usage: -5°C – +55°C
Recommended storage conditions: -20° C - +55° C, <85% humidity
Recommended maximum shelf life: 5 years.

Use limitation

- Never modify or alter this product
- Do not use this product against hazards other than those specified
- Refer to the user instruction for the specific product for more information



Harness adjustment
8 positions for head size adjustment

Harness adjustment
Three positions for height adjustment

Ratchet harness
This solution with its ergonomically designed neck support, makes it possible to obtain maximum comfort for long periods of time. The adjustment dial is made of a TPE-material for maximum grip



Frontcover
Ventilation for increased comfort.
The frontcover is also designed as a cable holder in combination with Peltor Communication products

Headband
Robust design ready to be attached to ear muffs

Integrated eyewear
To increase eye protection, G500 can incorporate the integrated eye protection range (V6*), that are available in clear, grey and yellow.



V6C Yellow

Mesh Visor
5C (Stainless Steel) is approved for “High Speed Particles” 45m/s (F) according to EN1731.

Hearing Protection
Thanks to the robust design of the headband, G500 can be used both with and without earmuffs. The slot is 30 mm and fit the Peltor P3E-attachment.

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Standards and Approval:

The G500 headgear has been shown to meet the basic safety requirements of the European Directive 89/686/EEC and are thus CE marked. The mesh face shield models has been tested in accordance with EN 1731:2006.

The product has been examined by FIOH, Finnish Institute of Occupational Health, Topeliuksenkatu 41 a A, FI-00250, Helsinki, Finland Notified body #0403

Model	European Standard	Symbol	Field of use	Mechanical Strength
G500	EN1731:2006	F	High speed particles	Low energy impact

Model	European Standard	Symbol	Field of use	Mechanical Strength
5B, 5C, 5J	EN1731:2006	F	High speed particles	Low energy impact

If the face shield and the frame are not both marked with the same symbol, the lowest level applies to the complete face protector.

Technical Specification:

Model	Material(s):	Size	Weight:	Colour:
HeadGear G500:	PP, PA, POM, Stainless steel PVC/Polyester	-	212 g (w/o face shield)	black/orange

The headgear can carry both mesh face shields as well as clear face shields.

Available polycarbonate face shields:

Model	Material(s):	Size	Light reduction	Weight:	Colour:
5B	Polyamide mesh	ø 0,3 1,0 x 1,0 mm	45%	45 g	Black
5C	Stainless steel mesh	ø 0,24 1,8 x 2,5 mm	24%	54 g	Black
5J	Etched stainless steel mesh	Area 1: 4,0x1,5x0,15 mm Area 2: 3,8x1,4x0,15 mm Area 3: 3,7x1,3x0,15 mm	Area1: 17% Area 2: 28% Area 3: 37%	53 g	Black

For polycarbonate face shields see specific Technical data sheet

Spare Parts and Accessories:

Product code	Description
5B	Face shield, Polyamide mesh
5C	Face shield, Stainless steel mesh
5J	Face shield, Stainless steel mesh, etched
V6C	Integrated safety eyewear, Yellow
V6B	Integrated safety eyewear, Grey
V6E	Integrated safety eyewear, Clear
HYG50	Plastic sweat band

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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