



# Integrated Head & Face Solutions

## 3M™ Head and Face Solutions

The 3M brand offers a complete line of safety helmets, face shields, combinations and accessories for anyone exposed to hazardous environments. Our goal is continuous improvement of our products to provide the optimal balance of comfort and safety.



Measures exposure to UV radiation



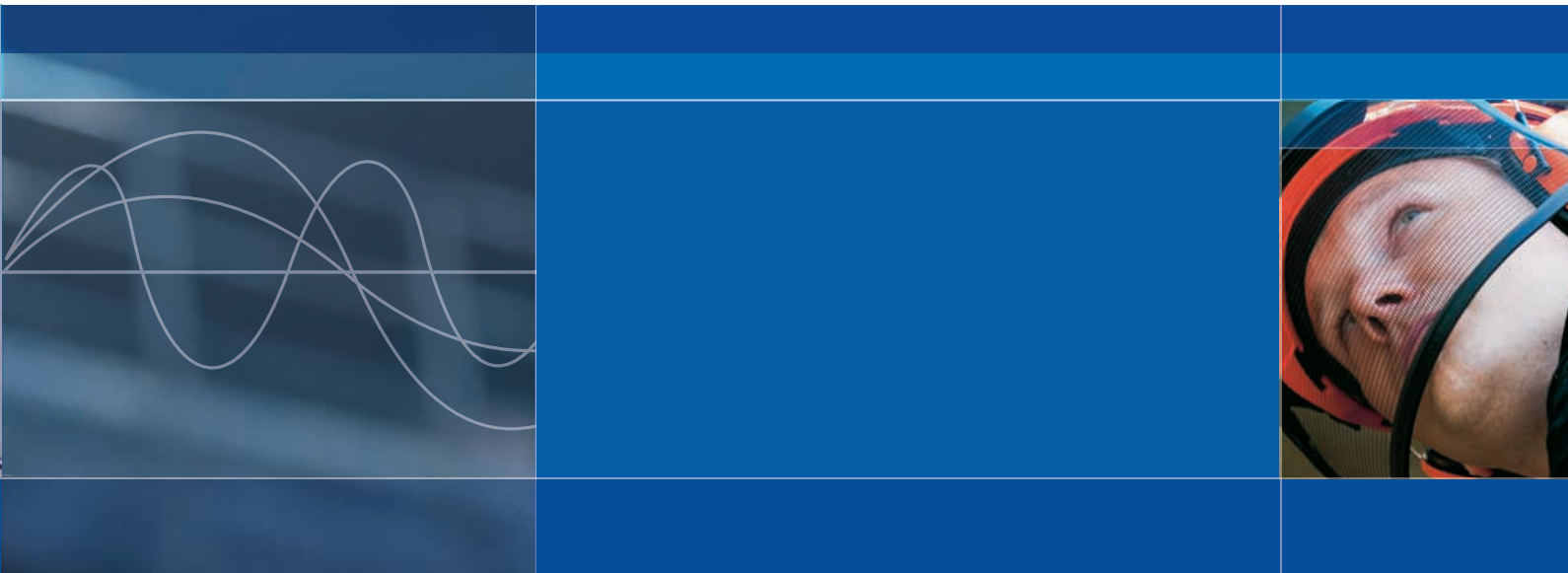
Technically calibrated and tested



Works globally in most environments



Tells you when to replace your helmet



## 3M™ Uvicator™ Technology for safer working conditions

When a safety helmet is exposed to sun light the stability of the plastic shell may be adversely affected due to interaction between sunlight and plastic material which may weaken the helmet and compromise safety of the wearer. The adverse effect is dependent not only on the nature of the plastic material but also intensity of sun light. All too often damage to the helmet shell may not be visible to the naked eye.

### **Red, the new sign of safety**

The patented Uvicator technology is intended to easily and clearly help show the user when his/her helmet has been over-exposed to UV-radiation and thus when to replace it. This technology is the result of many years of full scale and artificial ageing testing of different material combinations under various sunlight exposure conditions.

As the helmet is exposed to sunlight, the Uvicator indicator is calibrated to detect the amount of UV radiation received and gradually changes colour over time, clockwise, from red to white. When the Uvicator indicator turns completely white, it means that the helmet has received maximum tolerable radiation and therefore needs to be replaced.

# 3M™ Head and Face Head Protection



## 3M™ G2000 Helmet

Attractive design and excellent protection! That's the easiest way to summarise the G2000 helmet. The helmet fulfils the requirements for formal testing and is comfortable with its low back and relatively low profile.

It was designed to accommodate additional accessories, such as integrated eyewear, visor and hearing protection.

### Features and Benefits:

#### Ventilation

- + For comfort, good ventilation is a must, particularly in warm environments. The G2000 Helmet allows free airflow between the helmet and its harness. Combined with ventilation inlet in the top of the helmet, this helps to increase wearers acceptance

#### Optional space for customised print

- + A flat surface for printing a logotype, brand name, etc.

#### 3M™ Uvicator™ Technology

- + The disc tells you when it's time to replace your helmet

#### Neck protection

- + Extended edge on the back of the helmet provides extra protection for the sensitive neck area

#### Ratchet headband

- + For easier and quicker adjustment.

#### Optimal profile for ear muffs

- + The G2000 helmet features a special profile design to enable helmet mounted ear muffs to achieve optimal fit and maximum adjustability for individual needs

#### Attachment point for accessories

- + An adjustable snap attachment in the balance point of the helmet to allow simple attachment of accessories, such as muffs, headsets and visors

#### Sweatband

- + Easy to replace for increased comfort and hygiene. Also available in soft leather



Leather sweatband



### 3M™ G2000 Series Helmets

Available in 7 colours, with ratchet or pin-lock suspension

### Other 3M™ Head Protection Products



#### 3M™ Forestry Helmet Combination

Ready-to-use combination for forestry workers  
Includes: G3000 helmet, V4CK mesh visor, H31P3E ear muffs, GR3C rain protection



#### 3M™ Industrial Helmet Combination

Di-electric combination specially designed for work in electrical environments  
Includes: G2001 helmet, H31P3K-01 ear muffs, V4H clear visor



#### 3M™ Integrated Eyewear

Designed to be used with 3M™ helmets.  
The design allows the glasses to slide easily between the helmet shell and lining.  
Available in Grey, Yellow, Clear.



#### 3M™ Helmet Accessories

A wide range of accessories are available, including sweatbands, chin straps, rain protection, etc...



# 3M™ G3000 Helmet

The G3000 helmet has been designed in close collaboration with forestry and industrial workers. It is intended for use in harsh environments with tough demands for effective protection, excellent ventilation and a maximum field of vision.

## 3M™ G3000 Hi-Viz Helmet

The G3000 Hi-Viz helmet is a safety helmet with the same properties as the G3000 but for users who want to be extra visible at work. The helmet has the same protective properties as the standard-version G3000.

### Features and Benefits:

#### 3M™ Uvicator™ Sensor

- + The disc tells you when it's time to replace your helmet.

#### Ventilation

- + Optimised ventilation with lots of ventilation holes.

#### Slim design

- + Softly rounded design, which helping to avoid helmet parts to snagging on branches etc.

#### Reversible lining

- + Lining that can be rotated 180° allow the helmet to be worn back-to-front which is ideal, for example, when working in tight spaces or climbing.

#### Ratchet headband

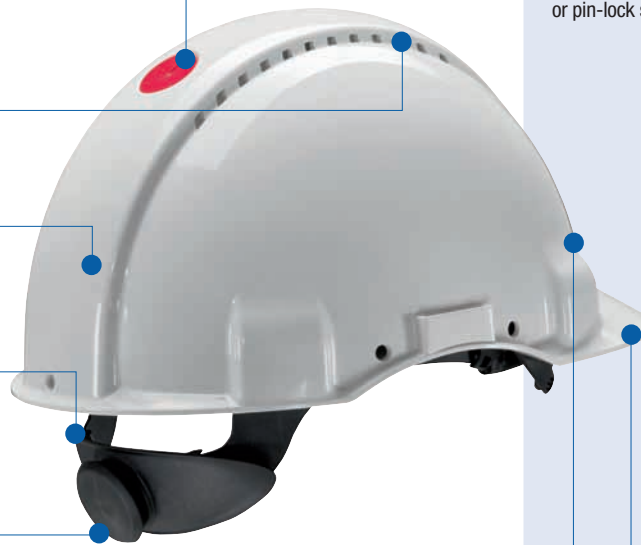
- + For easier and quicker adjustment.

#### Space for company name

- + Surface for printing a logotype, brand name, etc.

#### Short brim

- + Short brim giving a broader field of view.



### 3M™ G3000 Series Helmets

Available in 7 colours, with ratchet or pin-lock suspension

**Material:** UV-stabilised ABS

**Colours:** Yellow, white, orange, red, blue, green and Hi-Viz

**Weight:** 310 g

**Size:** 54-62 cm for pin-lock version  
53-62 cm for ratchet version



### The characteristics of the G3000 helmet are:

Offers excellent protection and approved against EN 397, with the following additional approvals:

- **G3000\***  
low temperature, -30°C, and molten metal, MM
- **G3001\***  
(unventilated): low temperature, -30°C, molten metal, MM, and electrical insulation 440Vac,

- **G3001\* 1000V**  
(unventilated): same as G3001 with additional approval according to EN50365, a 1000 Vac electrical insulation test
- **G3000\*-10\***  
(with lamp and cord holder) low temperature, -30°C and molten metal, MM





# Protection and Comfort For Demanding Environments

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.

## Effective protection in demanding environments

With its versatile combinations our headgear is ideal for most demanding work situations and environments. The 3M™ Headgear G500 provides good impact protection in combination with a wide field of view and high end user comfort.

## Build your own system

3M can help you build your own system for personal hearing and face protection. The Headgear G500 is designed for many different accessories. The headgear can be expanded in many ways, with built-in eyewear, both clear and mesh visors, hearing protection or communication headsets etc. They can be used individually or in conjunction with each other with no compromises

## Well thought-out features

Focused on style and design the headgear also has a firm and sturdy construction for improved product life. The reduction of flexible materials minimizes stress and deformation caused rough handling. This ensures durability and consistent attenuation when combined with hearing protection or communication headset.



**3M™ G500 Industrial combination (G500V5FH510-GU, XA007703805)**  
This combination shows the 3M™ G500 Headgear with a clear PC faceshield.



# 3M™ Headgear G500™

The 3M™ G500 Headgear is a robust, easy-to-use stand-alone face protection system that is available with a broad range of faceshields to meet the requirements of most industrial and forestry applications. These products have been designed with high quality in mind and therefore provides protection against impacts from the front and the side areas. When developing products, special attention is also paid to ensure maximum visibility and wearer comfort.

The 3M G500 Headgear is also designed to be combined with hearing protectors or a built-in communication system. A practical, convenient solution for face and hearing protection where no head protection is needed. The wide range of visors and hearing protectors allows for many industrial combinations.

## Features and Benefits:

### Frontcover

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

### Mesh Face Shield

- + 5C (Stainless Steel) is approved for "High Speed Particles" 45m/s (F) according to EN1731.

### Integrated eyewear

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

### 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 fits the Peltor P3E-earmuff attachment.

### Headband

- + Robust design ready to be attached to earmuffs.



### 3M™ G500 Industrial combination

This combination shows the 3M™ G500 Headgear with a clear PC faceshield. (G500V5FH510-GU, XA007703805)



### 3M™ G500 Forestry combination

This combination shows the 3M™ G500 Headgear with a 5C Stainless Steel mesh face shield. (G500V5CH510-OR, XA007703862)

**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.



### Harness adjustment

Three positions for height adjustment and 8 positions for head size adjustment.

### Integrated eyewear:

V6C Yellow,  
V6B Grey,  
V6E Clear



### Visor 5B/5C/5J Mesh face shield

The wide range of visors allows for many industrial combinations. Available in Polyamide, Stainless steel and Etched metal mesh.



### Face shield clear 5F-1

The wide range of visors allows for many industrial combinations. Available in clear polycarbonate and Face shield 5E-1 polycarbonate Shade 5

