

3M™ Industrial Safety Helmet G3000/G3001

Technical datasheet



Description

The 3M™ Industrial Safety Helmet G3000 is designed to offer you head protection from small falling objects in accordance with the European Standard EN 397:2012+A1:2012.

It is available in a variety of configurations so that the product can be tailored to meet the needs of your application.

It is also a platform for a range of 3M™ hearing, eye and face protection products.

Testing and approval

The 3M™ Industrial Safety Helmets G3000 and G3001 meet the requirements of the PPE Regulation (EU) 2016/425 and are thus CE marked.

The products have been tested and approved by BSI Group, The Netherlands B.V. Say Building, John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands, Notified Body No. 2797

The product has been tested and approved in accordance with EN 397:2012+A1:2012 and G3001 in accordance with EN 50365:2002.

Key features

- ▶ The 3M™ Uvicator™ can help to indicate when it is time to replace the helmet as a result of excess exposure to Ultraviolet (UV) radiation
- ▶ Available with ratchet or pinlock head suspensions for adjustability ▶ Ventilated versions for increased airflow within the shell
- ▶ Branding and logo printing options available
- ▶ Replaceable leather or plastic sweatband
- ▶ Helmets meet EN 397:2012+A1:2012 requirements with the harness
 - rotated through 180° (back to front)
- ▶ Electrically insulated versions meeting EN 50365:2002 for use on low voltage installations
- ▶ Approved for use at -30°C
- ▶ Mining lamp holder option (G3000-10) available (orange, black, hi-viz green)
- ▶ Available in 8 standard colours (white, yellow, blue, red, green, orange, black, hi-viz green)
- ▶ Options available with reflective stripes fitted as standard

Typical applications

- ▶ Construction
- ▶ Forestry
- ▶ Industry
- ▶ Metalwork
- ▶ Utilities and electrical

Accessories

The 3M™ G3000 Series is compatible with a range of 3M™ eye, face and hearing protection products offering flexible and compatible protection.

- ▶ GH1 2-Point Chinstrap
- ▶ GH4 3-Point Chinstrap
- ▶ HYG3 Sweatband plastic (standard)
- ▶ HYG4 Sweatband leather
- ▶ GR3C Rain shield
- ▶ V9 Integrated eyewear
- ▶ Compatible with many 3M™ PELTOR™ Hearing Solutions with Helmet Mounted options
- ▶ 3M™ PELTOR™ P3E Adaptor for Visors
- ▶ 3M™ Faceshields in combination with faceshield holders V43 (with peak) and V46 (without peak)
- ▶ 3M™ Faceshields in combination with faceshield holder V5 or FH1
- ▶ 3M™ WP Faceshields in combination with faceshield holder FH1

Use limitation

- ▶ Always read and follow user instructions
- ▶ Never modify or alter the safety helmet
- ▶ Do not use this safety helmet against hazards other than those specified in the user instruction
- ▶ Use, store and maintain the safety helmet in accordance with the user instruction



Materials

Component	Material
Shell	UV Stabilised ABS
Headband	HDPE
Cradle	Polyester
Sweatband	Leather or plastic (PVC coated foam)

Use and storage

Temperature range for usage	-30°C to +50°C
Recommended storage conditions	+3°C to +40°C <85% humidity
Maximum recommended product life	Up to 5 years from date of manufacture*

*The product life as defined above is indicative data. The product life is subject to many external and non-controllable factors and should not be interpreted as a warranty

Weight

G3000 Shell = 258g**
G3001 Shell = 261g**
G2M Ratchet Suspension = 81g

**Average weight of helmet, shell only.

Product classification

Additional protection characteristics (according to EN 397:2012+A1:2012)

Low temperatures			High temperatures			Electrical properties		Lateral deformation
-10°C	-20°C	-30°C	+50°C	+150°C	Molten metal***	440Vac****	1000Vac/ 1500Vdc****	LD
✓	✓	✓	✓	✗	✓	✓	✓	✗

***3M recommends to use non-ventilated solutions if there is a molten metal risk

****Properties available on non-vented shell models G3001

Important notice

Product selection and use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable national and/or European regulations and standards. Failure to properly evaluate, select, and use a 3M product in accordance with all applicable instructions and with appropriate safety equipment, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

Warranty, limited remedy, and disclaimer: A limitation of liability applies to the 3M product(s). For warranty statement and limitation of liability, refer to your supply agreement or the 3M terms and conditions of sale.

3M industrial and occupational products are intended, labeled, and packaged for sale to trained industrial and occupational customers for workplace use.

Product configuration

Helmet shell	
G3000	With ventilation
G3001	Without ventilation

Fitting sizes	
Pinlock harness	54-62cm
Ratchet harness	53-62cm

The 3M™ M-956 size reducing comfort pad is available as an option for use with the ratchet harness.

Suspension	
G2C	4 point pinlock headband with plastic sweatband
G2D	4 point pinlock headband with leather sweatband
G2M	4 point ratchet headband with leather sweatband
G2N	4 point ratchet headband with plastic sweatband

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