

# 3M™ Industrial Safety Helmet G3501

## Technical datasheet



### Description

The 3M™ Industrial Safety Helmet G3501 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

These products are type approved by DIN CERTCO Gesellschaft fuer Konformitaetsbewertung GmbH, Alboinstrasse 56, 12103 Berlin, Germany (Notified body number 0196); These products meet the requirements of Regulation 2016/425 on personal protective equipment.

These products are type approved by TUV Rheinland UK, Friars Gate (Third Floor), 1011 Stratford Road, Shirley, Solihull B90 4BN. Approved Body no. 2571; These products meet the requirements of Regulation 2016/425 on personal protective equipment, as amended to apply in GB.

Certificates and Declarations of Conformity are available at [www.3M.com/Head/certs](http://www.3M.com/Head/certs)

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

### Key features

- ▶ Lightweight and durable
- ▶ Available with ratchet or pinlock head suspensions for adjustability
- ▶ Compatible with a wide range of safety products and accessories
- ▶ Branding and logo printing options available
- ▶ Replaceable leather or plastic sweatband
- ▶ Meets optional Very Low Temperature test (marked -30°C)
- ▶ Meets optional Very High Temperature test (marked 150°C)
- ▶ Available in 6 standard colours (white, yellow, blue, red, green, orange)
- ▶ Electrical insulating according to EN 50365:2002 for live-working in low voltage environments
- ▶ Mining lamp holder option available

### Typical applications

- ▶ Steel working
- ▶ Aluminium smelting
- ▶ Foundries and casting
- ▶ Metal recycling
- ▶ Refractory production and maintenance
- ▶ Cement manufacturing
- ▶ Utilities and electrical work

### Accessories

The 3M™ G3501 is compatible with a range of eye, face and hearing protection products offering flexible and compatible protection.

- ▶ V9 Integrated eyewear
- ▶ Compatible with many 3M™ PELTOR™ Hearing Solutions with helmet mounting options
- ▶ 3M™ Series Faceshields in combination with faceshield holder V5 or FH1
- ▶ NC1-AL Aluminised fabric neck cover
- ▶ NC2-AL Aluminised fabric neck cover large
- ▶ NC1-GR Aramid fabric neck cover
- ▶ FC1-AL Aluminised fabric front cover
- ▶ FC2-AL Aluminised fabric front (throat) cover
- ▶ FC1-GR Aramid fabric front cover
- ▶ P3E Adaptor for visor attachment
- ▶ GH4 3-Point Chinstrap
- ▶ HYG3 Sweatband plastic
- ▶ HYG4 Sweatband leather

### Use limitation

- ▶ 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
- ▶ Always read and follow user instructions

## Materials

Component	Material
Shell	Glass fibre reinforced polyamide
Headband	HDPE
Cradle	Polyester
Sweatband	Leather or plastic (PVC coated foam)

## Use and storage

Recommended storage conditions	+3°C to +40°C <85% humidity
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Maximum recommended product life	Up to 5 years from date of manufacture*
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\*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

G3501 Shell = 311g

With ratchet suspension = 392g

The product weight is indicative data and should not be interpreted as a warranty

## Product configuration

### Fitting sizes

Ratchet harness 53–62cm

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

### Suspension

G2M 4 point ratchet headband with leather sweatband

G2N 4 point ratchet headband with plastic sweatband

G2M available fitted as standard.

## 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
✓	✓	✓	✓	✓	✓	✓	✓	X

## 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.

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