
3M
Science.
Applied to Life.™
No room for compromise when the heat is on.
Compatible Head, Eye, Face and Hearing Protection



Temperature extremes, metal sparks and splashes – that's the job. And it's a tough environment to work in. You just can't afford to compromise the safety and comfort of your workforce.

At 3M we recognise the demanding nature of the work you and your team undertake every day. That's why we've developed a range of completely compatible personal protective equipment (PPE) that can help provide the necessary safety, comfort and compliance in the work environment

This brochure takes you through the range of compatible Head, Eye, Face and Hearing PPE available from 3M, and introduces you to the new 3M™ Industrial Safety Helmet G3501.

When the heat is on, don't compromise your protection.



Personal Protective Equipment that's designed for compatibility

You simply can't afford to compromise the performance of your PPE, particularly in such demanding work environments. We understand that. That's why each product in the 3M range of head, eye, face and hearing PPE is designed individually to provide you with the appropriate protection you require. And when used together there's the added reassurance that the products are compatible: safe, compliant and comfortable to wear.

Now that's reassuring.

Industrial Safety Helmet G3501





Head protection



NEW High heat helmet for extreme conditions

- Very high temperatures (+150°C)
- Molten metal splash (MM)
- Very low temperatures (-30°C)
- Electrical insulation (440Vac)

The new **3M™ G3501 Helmet** is designed to protect your workforce in extreme environments. Compliant with EN397:2012, the new high heat helmet delivers peace of mind to its users for many typical applications.

The new design and materials offer lightweight protection (less than 385g*) whilst the use of existing head suspensions provide proven comfort, security and adjustability. You also have a choice between a ratchet or pin lock suspension and plastic or leather sweatbands to give you superior comfort.

With a heat resistant solution in 6 colours and the possibility to print, we are able to match your brand requirements, and provide different colours for different job roles, without compromising the level of protection.



Face protection

Seamless face protection

The 3M™ Visor Linkage system V5 offers seamless integration of face protection with the 3M G3501 Safety Helmet and, depending on your preference, can be used with or without earmuffs. When combined with hearing protection, the earmuffs work without interference from the visor, giving you the total confidence in protection and compliance you require.



This easy-to-use system can be fitted with a range of visors that offer good balance, close fit and a secure flip-up – creating a convenient solution for face protection against a range of hazards.

3M™ Visor 5F-11
Ideally suited to grinding applications, this visor offers medium energy impact protection with the highest level of optical clarity and coating technology as well as providing fog and scratch resistance.

3M™ Visor 5E-11
Ideal for welding assistants, gas welding, oxy cutting and grinding applications this visor provides shade 5 protection, as well as medium energy impact protection.

NEW 3M™ Visor 5XG-IR5
Designed for furnace operators to use during tapping, sampling pouring and casting operations, 3M™ Visor 5XG-IR5 has been designed with high quality gold coatings to offer protection against IR Radiation as well as radiant heat experienced when working near furnaces and ladles in the metalworking industry.

Eye protection

Compatible eyewear that's fit for purpose

In addition to providing face protection, 3M's system of compatible PPE also includes the 3M™ Helmet Integrated Eyewear Range V6. These integrated safety spectacles allow the user to both carry and wear them at all times without concerns related to incompatibility, often associated with independent eyewear.

The fully adjustable side arms give the user the added confidence of a close fit for a range of different face shapes as well as allowing the spectacles to be securely stored within the helmet when not required and without needing to fully remove them. As these are attached to the helmet suspension, there is no risk of compromised protection when worn with earmuffs.





Hearing protection

Hearing protection that's part of the system

NEW 3M™ Industrial Safety Helmet G3501 has been designed to include the same 30mm slot used on other 3M safety helmets and offers high levels of compatibility with 3M™ Helmet-mounted Earmuffs. This ensures minimal interference and full adjustability for a wide range of workers.

The new helmet is compatible with the complete range of 3M Helmet-mounted Earmuffs, including 3M™ PELTOR™ X-Series, 3M™ PELTOR™ Optime Series and 3M™ PELTOR™ Communication Solutions, allowing you to pick an integrated hearing or communication solution to suit your needs.

The 3M™ PELTOR™ X-Series Earmuffs provide the attenuation you need with a streamlined, lightweight cup design that is integrated to offer more robustness for tough conditions.

Splash and heat covers

Helmet and neck covers - for that added protection

3M™ Front Helmet Covers FC1-AL and FC1-GR and 3M™ Neck Covers NC1-AL and NC1-GR are designed to provide additional protection to the wearer and the safety helmet.

Both FC1-AL and NC1-AL are made from a high quality aluminized fabric material capable of reflecting radiant heat and withstanding sparks and splatter. This helps to reduce the thermal stress on the wearer and increase the lifetime of the helmet by reducing the radiant heat reaching the safety helmet. The streamlined design helps prevent interference with other equipment during use and the fabric parts can be easily replaced when needed.

FC1-GR and NC1-GR use the same streamlined design to provide protection against small splashes and spatter when protection against extreme radiant heat is not needed.



Protective equipment that's designed for compatibility.
Now that's reassuring.



Product Code	Description
G3501M–VI	White / Non-vent / ratchet
G3501M–GU	Yellow / Non-vent / ratchet
G3501M–RD	Red / Non-vent / ratchet
G3501M–GP	Green / Non-vent / ratchet
G3501M–BB	Blue / Non-vent / ratchet
G3501M–OR	Orange / Non-vent / ratchet
G3501D–VI	White / Non-vent / pin-lock
G3501D–GU	Yellow / Non-vent / pin-lock
G3501D–RD	Red / Non- vent / pin-lock
G3501D–GP	Green / Non-vent / pin-lock
G3501D–BB	Blue / Non-vent / pin-lock
G3501D–OR	Orange / Non-vent / pin-lock
NC1-GR	Neck cover, Cotton + Para aramide
NC1-AL	Neck cover, ALU
FC1-GR	Front cover, Cotton + Para aramide
FC1-AL	Front cover, ALU
V5	V5 Helmet Linkage System
V6B	Integrated glasses Grey
V6C	Integrated glasses Yellow
V6E	Integrated glasses Clear
5XG-IR5	Gold plated V5 flat stock - Shade 5
5F-11	PC Face shield Clear AF+AS
5E-11	PC, Green Shade 5
G2M	Suspension
HYG4	Leather sweatband
GH4	3-point chin strap
H510P3E	3M™ PELTOR™ Optime I Earmuffs
H520P3E	3M™ PELTOR™ Optime II Earmuffs
H530P3E	3M™ PELTOR™ Optime III Earmuffs
X1P3E	3M™ PELTOR™ X1 Earmuffs
X2P3E	3M™ PELTOR™ X2 Earmuffs
X3P3E	3M™ PELTOR™ X3 Earmuffs
X4P3E	3M™ PELTOR™ X4 Earmuffs
X5P3E	3M™ PELTOR™ X5 Earmuffs
MT53H7P34400-EU	3M™ PELTOR™ LiteCom Headset

Please visit **3M.eu/PPESafety** or contact your local sales representative for more information

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