



Peltor™ Uvicator™ Technology for safer working conditions

The service life and protective aspect of a safety helmet is affected by physical or chemical damage, and UV-radiation from the sun. Whilst physical damage, caused by blows to the helmet shell or exposure to aggressive chemicals is readily visible, damage caused by UV-radiation is difficult to detect.

When a safety helmet is exposed to sunlight 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 sunlight.

All too often damage to the helmet shell may not be visible to the naked eye.

To lessen this risk manufacturers often rely on general guidelines on usage, storage and replacement irrespective of period of exposure to sunlight. In line with good safety practice the user has to keep a close tab on how the helmet is used and for how long resulting in unnecessary disposal of 'good' helmets.

With the new Peltor™ Uvicator™ Technology there is now an accurate and easy way to assess integrity and safety of the helmet related to UV-radiation without the added cost of unnecessary replacement by simply looking for colour change.

Red, the new sign of safety.

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

A circular shaped disc, based on the Peltor™ Uvicator™ Technology, is strategically placed slightly below the highest point of the helmet. This location has been carefully selected to optimize the measurement of sunlight exposure under normal working conditions when the head slightly leans forward.

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

To allow that the Peltor™ Uvicator™ Technology is fully functioning, ensure that the indicator disc is free from stickers and labels.



Measures exposure to UV radiation



Technically calibrated and tested



Works globally in most environments



Tells you when to replace your helmet



Peltor™ G2000 Solaris™ Helmet

Attractive design and excellent protection! That's the easiest way to summarise the Peltor™ G2000 Solaris™ Helmet. The helmet goes well beyond 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.

Fully compliant with EN 397, with the following additional approvals:

- Peltor™ G2000* Solaris™ Helmet
low temperature, -30°C, lateral deformation, LD and molten metal, MM
- Peltor™ G2001* Solaris™ Helmet
(not ventilated): low temperature, -30°C, lateral deformation, LD, molten metal, MM, and electrical insulation, 440Vac.
- Peltor™ G2001* Solaris™ 1000V Helmet
same as G2001 with additional approval against EN50365, a 1000-volt test.

Material: UV-stabilised ABS.

Colours: Grey, yellow, white, orange, red, blue and green

Weight: 340 g

Size: 54-62 cm

Features and Benefits:

Ventilation

For comfort, good ventilation is a must, particularly in warm environments. The Peltor™ G2000 Solaris™ Helmet allows free airflow between the helmet and its harness. Combined with ventilation inlet in the top of the helmet, this helps to increase wearer's acceptance.

Peltor™ 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.

Headband

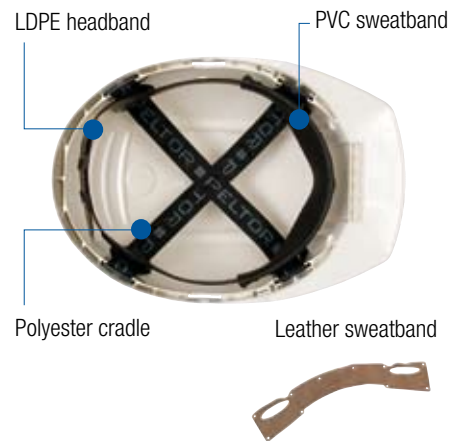
This important feature determines how steadily the helmet sits on the head. Easy to adjust.



NEW!

Ratchet headband

For easier and quicker adjustment.



LDPE headband

PVC sweatband

Polyester cradle

Leather sweatband

Optional space for customised print

A flat surface for printing a logotype or brand name.

Sweatband

Easy to replace for highest comfort and hygiene. Also available in soft leather.

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

Optimal profile for ear muffs

The Peltor™ G2000 Solaris™ Helmet features a special profile design to enable helmet mounted ear muffs to achieve optimal fit and maximum adjustability for individual needs.

