

3M™ SecureFit™ Safety Helmet X5000/X5500

Technical Data Sheet



Description

The 3M™ X5000 and X5500 SecureFit™ Safety Helmets are designed to protect the wearer against objects likely to strike the head in industrial and occupational use.

When you work at height or on the ground, it's just another day on the job – and we've got a safety helmet to meet the demands of it. And when it comes to safety, 3M believes the bar can never be high enough. That's why we're proud to introduce the 3M™ SecureFit™ Safety Helmet.

From our proprietary design to our industry-leading innovations, the 3M™ SecureFit™ Safety Helmet is engineered by safety experts with workers in mind. The result is a revolutionary helmet design. Comfort without compromise.

From its patented Pressure Diffusion Technology to the Uvicator™ UV Indicator, the 3M™ SecureFit™ Safety Helmet is designed with 3M innovation at its core. Available in two models, the X5000 and the X5500 are engineered to perform – no matter what your job demands.

Features

- **Uvicator™ UV indicator:** Patented technology that lets wearer know when to replace helmet due to UV exposure
- **Pressure diffusion technology:** Patented technology reduces forehead pressure by 20% on average compared to 3M conventional helmets.
- **Ratchet suspension:** Smooth, easy-turning ratchet suspension system sits low on the head for greater comfort and security
- **Chin straps:** An adjustable plastic buckle chin strap comes as standard, or opt for a magnetic buckle chin strap for added safety. Excellent ventilation with ports on sides and back.
- **Accessory slots:** For earmuffs and communication equipment. Accessory slots designed to hold 3M earmuffs and communication products.
- **Removable sweatband:** Sweatbands can be removed and washed, or replaced with sweatband replacement accessory.
- **Ratchet Suspension:** Allowing wearer to customise height and fit



- This product line meets (and has the ability to convert to either) EN 12492 or EN 397 compliance standards for commercial headwear
- Climbing helmet-inspired design
- Customise your fit with multiple levels of vertical adjustment
- Works with a variety of 3M faceshields, earmuffs, and other accessories

Applications

Common applications include, any commercial trade that works at or around height, Construction, Manufacturing, Forestry, Oil, gas, and wind utilities.

Specifications

3M™ SecureFit™ Safety Helmet X5000/X5500

Shell Material	UV Stabilised ABS
Headband	HDPE
Cradle	Polyester
Sweatband	Coated foam
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*
Weight	X5000V = 406g X550NVE = 351g
Ratchet harness	50-63cm

* 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.

Standards

The X5500 is certified to EN397:2012+A1:2012, Industrial Safety Helmets, and is designed to be used for general industrial use. The X5000 is certified to EN12492:2012 Helmets for Mountaineers, and certified to EN397 and is designed to be used for working at height and rescue as well as for general industrial use.

Note that X5000 is either in EN12492 mode or in EN397 mode but cannot meet both EN-standards simultaneously.

Markings & Working Life of Safety Helmets

It is recommended that you replace your helmet within 5 years from date of manufacture dependent on the environment and conditions of use. The key factors for a helmet's 'in use' life are exposure to mechanical force, chemicals and Ultraviolet (UV) radiation. In the event of physical or chemical damage the helmet should be replaced immediately. When fitted, the 3M™ UVicator™ can help you to identify when to change your helmet as a result of exposure to UV radiation.

^ The 3M™ UVicator™ and the helmet must be equally exposed to light. The 3M™ UVicator™ disc must not be covered by stickers or removed from the helmet.

Accessories

3M™ Short Visor: Molded out of polycarbonate for impact protection in a variety of applications and features an anti-fog, anti scratch coating. Available in clear and grey.

3M™ SecureFit™ Safety Helmet sweatbands: The 3M™ SecureFit™ Safety Helmet sweatbands can be removed for cleaning, but these replacement sweatbands are available if need be.

Maintenance/Cleaning

The helmet, head suspension and sweatband should be cleaned regularly using a mild solution of detergent in warm water. For cleaning, maintenance or disinfection, use only substances that have no adverse effect on the helmet and are not known to be likely to have any adverse effect upon the wearer, when applied in accordance with the manufacturer's instructions and information.

Do not store the safety helmet in direct sunlight or at high temperatures. When not in use, it should be stored in a cool, dark location to prevent the material from ageing. Store in a suitable container to prevent compression.

Storage

Storage is part of ongoing care and maintenance but is so often overlooked. Care should be taken to ensure your safety helmet, when not in use, is stored appropriately and not exposed to possible damage.

Refrain from leaving it sitting near the rear window of a car as it is exposed to intensified heat, sunlight and becomes a flying projectile in the event of a car accident or sudden braking.

Disposal

Most components of this assemble can be recycled. Recycle symbols are present on both the shell and harness assemblies. If recycling facilities are not available the product should be disposed of as solid waste. If the product is to be disposed of, it should be disassembled and disposed of as solid waste. Please see local authority regulations for disposal advice and locations.

Ordering Information

3M Code	Model #	Description
UU009535467	X5001VE-CE	3M™ SecureFit™ Safety Helmet, X5001VE-CE, white, vented, 1000V, CE
UU009535517	X5007VE-CE	3M™ SecureFit™ Safety Helmet, X5007VE-CE, orange, vented, 1000V, CE
UU009535533	X5014VE-CE	3M™ SecureFit™ Safety Helmet, X5014VE-CE, HV green, vented, 1000V, CE
UU009535483	X5003VE-CE	3M™ SecureFit™ Safety Helmet, X5003VE-CE, blue, vented, 1000V, CE
UU009535541	X5501NVE-CE	3M™ SecureFit™ Safety Helmet, X5501NVE-CE, Non-vented, white, CE

3M Short Visors:

3M Code	Model #	Description
UU009626134	X5-SV01-CE	CLEAR 3M SecureFit™ CLEAR VISOR AF/AS 10/CS
UU009626142	X5-SV02-CE	GRAY 3M SecureFit™ GRAY VISOR AF/AS 10/CS

Accessories:

3M Code	Model #	Description
UU009536036	X5-S4PTCS2	3M SecureFit™ Standard 4 Point Chin Strap
UU009630326	X5-BWPD01	3M SecureFit™ Black/ Grey Replacement Sweat Band
UU009536069	X5-REFKIT	3M SecureFit™ Reflective sticker kit for SecureFit™ Safety Helmet

Important Notice

The use of the 3M product described within this document assumes that the user has previous experience of this type of product and that it will be used by a competent professional. Before any use of this product it is recommended to complete some trials to validate the performance of the product within its expected application.

All information and specification details contained within this document are inherent to this specific 3M product and would not be applied to other products or environment. Any action or usage of this product made in violation of this document is at the risk of the user.

Compliance to the information and specification relative to the 3M product contained within this document does not exempt the user from compliance with additional guidelines (safety rules, procedures). Compliance to operational requirements especially in respect to the environment and usage of tools with this product must be observed. The 3M group (which cannot verify or control those elements) would not be held responsible for the consequences of any violation of these rules which remain external to its decision and control.

Warranty conditions for 3M products are determined with the sales contract documents and with the mandatory and applicable clause, excluding any other warranty or compensation.

Personal Protective Equipment is only effective if it is correctly selected, fitted and worn throughout the time when the wearer is exposed to Physical Hazards. 3M offers advice on the selection of products, and training in the correct fitting and usage. For more information on 3M products and services please contact 3M.



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