

Safe performance
through science



Guardio

**Theia Full Face
Dielectric Visor**

User manual

Thank you for purchasing the Guardia THEIA Full Face Dielectric visor. Please carefully follow these instructions, as they are crucial for the safe use of the visor. The manufacturer and/or distributor cannot be held responsible in the event of accidents leading to any kind of injury due to improper visor use. The visor is approved according to EN166:2001 and must be used exclusively for the purposes for which it has been certified.

The THEIA visor is designed to be compatible with the Guardia ARMET-series. It should not be used with any other helmets or in situations other than those it was designed for. Ensure that you use the correct type of visor in combination with the helmet suitable for the intended use.

ATTENTION: Read and understand the instructions before use. Failure to heed any of the warnings and instructions may result in severe injury or death.



What's in the Box



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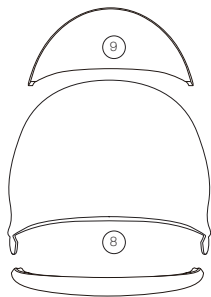
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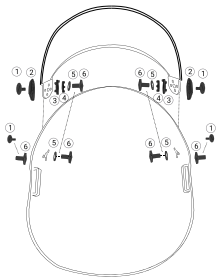
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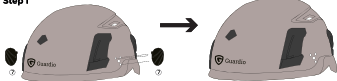
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Overview

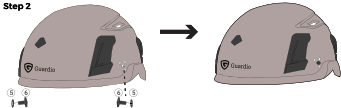


Instructions

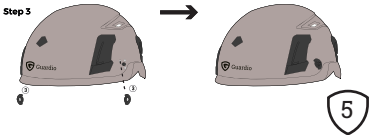
Step 1



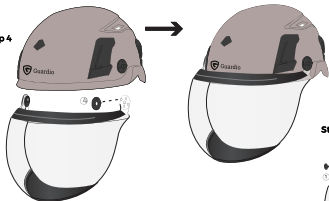
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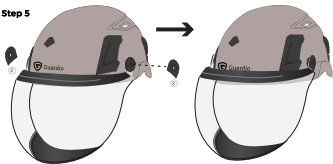
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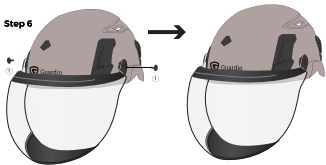
Step 4



Step 5



Step 6



SCOPE AND DESCRIPTION: The Guardio Theia Full Face Visor is classified as personal protective equipment of Category III, specifically designed to safeguard against the thermal hazards associated with arc flashes during electrical work or proximity to electrical installations.

To ensure its effectiveness against arc flash thermal hazards, it must be worn in conjunction with a suitable helmet. For optimal protection and integration, the Theia Full Face Visor must be connected to the Guardio Armet-series according to the instructions provided in Section 2 of this manual.

Proper connection ensures seamless operation and maximum safety. During electro-technical activities or when working in environments with potential arc flash risks, always ensure that the visor is folded down to its designated stop position. This ensures continuous protection and minimizes the risk of exposure to hazardous conditions.

SAFETY INSTRUCTIONS: It's important to be aware that subjecting the visor screen to strong shocks can pose a risk to the wearer, especially if the face shield is worn over prescription glasses. Exercise caution to prevent potential hazards in such situations. Certain materials present in the face shield may come into contact with the wearer's skin, potentially causing allergic reactions in individuals with sensitivities.

Prioritize regular cleaning and maintenance to minimize risks, particularly for those prone to allergies. Extended wear of the helmet-visor combination may lead to faster fatigue of head and neck muscles due to the additional weight.

Be mindful of this factor, and take necessary breaks to prevent undue strain on these areas. Ensure safe handling of the protective films initially covering the visor upon delivery. Keep these materials away from children, as improper usage can pose a suffocation hazard. Responsible handling and storage practices are essential.



STORAGE, TRANSPORT & PRODUCT LIFE TIME: The Guardio Theia Full Face Visor should be stored and transported in a protective bag to shield it from scratches, damage, and direct sunlight. If any signs of aging become evident, discontinue use of the face shield immediately. Criteria for evaluating the conformity of the protectors include:

1. Scratches or cracks in the visor that restrict the user's field of vision.
2. Mechanical defects in the visor holder.
3. Dirt on the visor that cannot be washed off and impairs the field of vision.

The Face Shield must be disposed of after 5 years at the latest, commencing from the date of manufacturing. This lifespan is determined through aging tests to ensure the continuous preservation of protective properties.

CLEANING AND DISINFECTION: Every component of the Guardio Theia Full Face Visor is cleanable using clear water or a mild detergent solution. After cleaning, it's important to air-dry the face shield to prevent scratching its surface; compressed air or similar methods can be utilized for this purpose. Additionally, the Theia face shield can be disinfected using commercially available disinfectants.

MARKING: 2C-1.2 Guardio 1 BT 8 1 0 K N



1000 V
CE 0196



Year of manufacture
Month of manufacture

2C-1.2 Guardio 1 BT 8 1 0 K N

Details of EN 166/EN 170 marking:

2C-1.2	UV Filter. Color recognition is not altered
Guardio	Name of Manufacturer
1	Optic class
B	Resistance to high speed particles (average impact energy 120m/s)
T	Can withstand impacts at extreme temperatures
8	Resistance to short-circuit electric arcs
1	Protection against electric arcs up to 4kA
0	Highest class of light transmission
K	Resistance to mechanical damage (Anti-Scratch)
N	Resistance to misting/fogging
1000V	Suitable for work on live parts
CE 0196	CE-label with identification number of notified body (Din Certco)



MOUNTING THE FACE SHIELD: Follow the steps below to mount the face shield.

Step 1: Remove the rubber parts covering the mounting holes.

Step 2: Put the rubber ring (part 5) on the bracket (part 6) and thread it through on each side of the helmet by inserting the bracket through the inside of the helmet.

Step 3: Attach part number 4 by sliding it over the bracket and securing the part into the holes in the helmet shell. Note the markings on each part to determine which one should be mounted on the left or right side.

Step 4: Mount part 3 on the inside of the visor. Ensure that the peg on the part is angled downwards and inwards towards the visor.

Step 5: Place the covers (part 2) on each side of the helmet.

Step 6: Carefully screw the visor in place using the provided screws (part 1). Screw in by pressing your thumb against the screw while rotating or by using a screwdriver. Be careful not to break the screw.

ADDITIONAL REQUIREMENTS ACCORDING TO GS-ET-29: This visor is suitable for work on live parts according to GS-ET-29 standards. Users are advised to follow all safety guidelines and procedures provided in this manual to ensure safe operation when working with live parts. Failure to do so may result in serious injury or death.

GUARANTEE: 2 years guarantee against any material or manufacturing defect.
Exclusions: normal wear and tear, oxidation, modifications or alterations, incorrect storage, poor maintenance, negligence, uses for which this product is not designed.

APPROVAL: The type examination of the Theia FullFace Visor according to module B and the implementation of control measures according to module C2 of Regulation 2016/425 are carried out by DIN CERTCO Gesellschaft für Konformitätsbewertung mbH, Alboinstraße 56, 12103 BERLIN, GERMANY. Identification number of the Notified Body: 0196

EU DECLARATION OF CONFORMITY: The related EU declarations of conformity can be downloaded from the following website: www.guardiosafety.com

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