

V-Gard® 950 Class 2

Non-vented industrial safety helmet with integrated face shield



The V-Gard 950 Class 2

safety helmet has been developed for electrical activities requiring demanding arc flash protection up to 7 kA. This balanced and lightweight unvented electrician's safety helmet features an integrated clear GS-ET-29 Class 2 faceshield and MSA-unique neck & ear



flap protection, which can be stowed on the helmet. The clear faceshield offers a light transmittance greater than 75%, providing the user with an optimal and secured colour recognition to get the job done safely and securely.



Helmet Features

- Made of ABS for strength and lateral crush protection (LD option)
- Modern, dynamic with sports styled shell
- Low profile (patented visor mechanism which minimises helmet shell size)
- Channel around perimeter of the helmet diverts rain and debris from user
- Anti-static assembly; certified ELECTROSTATIC-INERIS for use in ATEX/explosive environments
- Protection against molten metal (MM option)
- Electrically insulating helmet meeting EN 397 440 V AC and EN 50365 1000 V AC
- 4-point chinstrap with multiple adjustment points for better helmet retention
- Helmet delivered in a protective reusable storage bag
- Optional: chin cup made with arc flash resistant materials

Face Shield Features

- Protects against impact, chemical splash, Ultra-Violet radiation, molten metal splash and electric arc to GS-ET-29 Class 2 (7kA)
- Clear light blue tinted integrated faceshield with light transmittance greater than or equal to 75%
- Premium anti-fog/anti-scratch coated visor fits over all corrective and safety glasses
- Layer of flame resistant foam at the top of the visor for enhanced seal to the shell
- Reliable single handed smooth movement, even when wearing gloves
- 2 face shield positions (up or completely down)
- Tool free face-shield replacement

Suspension Features

- 6-point Fas-Trac® III ratchet suspension with premium washable and replaceable sweatband
- Head straps in woven polyester providing high comfort and long term, consistent shock absorption performance
- Balance and stability with a lower nape strap
- Comfort pad to separate the ratchet from the head increasing comfort and cooling airflow
- Ratchet offers smooth rotation
- Easy grip ratchet adjustable even with gloves
- Three levels of nape height adjustment giving superior fit

Extended Ear and Neck Flap Features

- Unique extended arc flash ear and neck flap system to ensure protection against arc flash (arc flash resistant textile; GS-ET-29 Class 2)
- Orange color inside (visible in upper/stand-by position) and grey color outside (visible in down/safety position) so you can visibly see when workers are protected
- Hand wash (40°C)

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Benefits of choosing logoed safety helmets

- Use your hard hat to promote your company brand anywhere
- Identify your workers when they operate on a construction site along with other contractors
- Use the helmet to promote safety messages
- Easily identify workers' positions and responsibilities
- Unify your workers with a sense of team work and pride.

MSA Logo Express

- Choose from one-color logos to digital colour photos of your choice; up to four locations and maximum size of 50 x 75 mm
- Quality printing, durable and weather resistant
- Minimum order quantities start with 12 helmets
- Logo printing is possible on the badge holder: 30 x 75 mm



Custom sticker option

- Set of 5 retroreflective stickers, honeycomb design
- Available colours: grey, red, green, yellow, blue
- Can be applied during production or inserted inside the helmet bag or ordered separately
- Similar day and night time appearance



Optional badge/lamp holder

- Robust and watertight for outdoor applications
- Can hold business cards, magnetic access control badge, authorization or licenses
- Assembled during production
- Designed for using with headband lamp



Markets

- Utilities
- General industry and manufacturing, including electric vehicles
- Construction
- Oil, gas and petrochemical

Replacement parts

- Fas-Trac® III suspension
- Foam sweatband
- V-Gard Universal 4-point chinstrap
- Class 2 faceshield
- Extended ear and neck arc flash protection system

Other compatible accessories

- Individual naming stickers
- Winter liners and neck capes

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Product Specification

| General | | |
|---|---|--|
| Product size | Head sizes from 52–63 cm | |
| Metal parts | None | |
| Weight | 715g including the V-Gard universal 4 point chinstrap and the extended ear and neck arc-flash protection system | |
| Shell dimensions | 225mm (width) x 150mm (height) x 298mm (length) | |
| Visor dimensions | 290mm (width) x 210mm (height) x 3mm (thickness) | |
| Material | | |
| Standard | CE Certified (EN397) with MSA Industrial Helmets | |
| Shell | Acrylonitrile Butadiene Styrene (ABS), UV stabilized Non vented | |
| Suspension | Headband | Polypropylene (PP) |
| | Clips | Grey polypropylene (PP) |
| | Sweatband | Sweat-wicking polyurethane (PU) internal grey foam and grey polyamide (PA) finish in contact with the head. Machine or hand washing (max. 50 cycles) |
| | Webbing | Textile black polyester (PET) 6 points |
| | Ratchet | Polyoxymethylene (POM), polypropylene (PP) and polyamide (PA) |
| | Comfort pad | Low Density Polyethylene (LDPE) |
| Inner frame | Polycarbonate | |
| Face shield | Lenses | Clear polycarbonate (PC) |
| | Lenses rails | Polyoxymethylene (POM) |
| | Connecting pivot | Polyamide (PA) |
| | Foam | Flame resistant EPDM Foam Rubber |
| Extended arc flash protection (mandatory) | Lyocell fiber, modacrylic, core bonding fibers, meta-aramids, polyamide Hook&loop : polyamide Color Code: - Internal: Pantone 17-1464 hi-viz orange - External: Pantone 19-0201 grey | |
| V-Gard Universal 4 pt chinstrap | Straps | Polyester textile |
| | Clips | Polyoxymethylene (POM) |
| | Fastener | Acetal |
| | Adjusters and automatic buckle | Polyamide |
| | Chin cup (optional) | Leather, lyocell fiber, modacrylic, core bonding fibers, meta-aramids, polyamide |
| Badge holder/lamp holder (optional) | Clear PC ultrasonic welded Holds a badge 85 mm x 54 mm x 0.8 mm | |
| Retro reflective stickers (optional) | Vinyl retro reflective stickers with pressure sensitive adhesive Total reflective area = 11688 mm ² | |
| Lifetime guidelines | | |
| Storage life | 3 years from the manufacturing date. Store in a proper storage bag and/or in a closed cabinet to avoid extended exposure to sunlight, cold, humidity, exhaust fumes, etc. NB: For EN 50365 class 0 helmets: recommended storage temperature 20 ±15 °C to ensure performance | |
| Service life | 5 years from the first day of use in addition to the storage life. MSA recommends writing the date of first use on a sticker (supplied with each helmet) and then fixing to the shell. | |
| Note face shield | Before each use, inspect the face shield and replace when damaged or scratched or when connecting pivots are worn. Faceshields have a service life of 5 years including storage time. | |
| Inspection | Before and after each use, inspect the shell, face shield, suspension, lining and extended arc flash protection system for breakage, cracks, craze pattern, discoloration, chalky appearance, or any other unusual condition. If any of these conditions exist, replace the helmet immediately. | |
| Cleaning/disinfection | Helmets and face shields must be cleaned regularly for easy inspection and to help the wearer avoid skin irritations. Use soapy water and a soft cloth. Do not use detergent, solvent based products or abrasive materials. Extended arc flash protection system can be hand-washed at 40°C. | |

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| Standards & Testing | |
|--|--|
| Standards (Head Protection)  1000 V | Certified by CE notified body APAVE (0082) according to: EN397:2012, industrial safety helmets with options; Very low temperature (-30°C), lateral deformation (LD), molten metal (MM), 440V AC (electrical insulation) Also tested at -40°C (GOST) EN50365:2002 electrical class 0 nominal voltage up to 1000 V A.C. and 1500 V D.C. |
| Standards (Face Protection) | Certified by CE notified body DINCERTCO (0196) according to: EN166:2001 personal eye equipment 2C-1,2 1 3 B 8-2-0 9 KN) 2C-1.2 = UV filtering according to EN170:2002 1 = Optical quality 3 = Protection against liquid splash B = Resistance to medium energy impact 120 m/s "8" = Electric arc resistance according to EN166:2001 "2" = Protection class 2 (7 kA) according to GS-ET-29 "0" = Best light transmission class according to GS-ET-29 =, VLT≥75% 9 = Resistance to molten metals and hot solids K = Resistance to surface damage by fine particles according to EN 168: 2001, clause 15 N = Resistance to fogging |
| Supervision according to module D of the PPE Regulation | APAVE (0082) |
| Additional approvals & testing | |
| Head Protection  | Certified by INERIS to EN ISO 80079-36 : 2016 & CEI/TS 60079-32 : 2017 for safe use in ATEX areas* (ELECTROSTATIC-INERIS Certificate n° 29406) - Dust: zones 20, 21, 22 (all zones) - Gas: zones 1 & 2 with gas group IIA (Propane) * Caution: when working in an ATEX area operatives must be fully equipped with appropriate PPE eg. dissipative shoes (earth resistance less than 1.108Ω), not just suitable industrial helmets |
| Extended Arc Flash Protection System Testing | Tested according to GS-ET-29 Class 2 (Supplementary requirements for the testing and certification of face shields for electrical works): Test Report available. Included in the ELECTROSTATIC-INERIS Certificate - See details above |

Packaging

| | |
|---|--|
| Individual (sales unit) | 1 helmet in a protective reusable fabrics bag, instructions printed on paper, suspension completely fitted |
| Box (multiple of sales and minimum order quantity) | 12* helmets in a box Box size 710 x 590 x 340 mm |
| Pallet | 120 helmets (10 box of 12 helmets) Pallet size 1200 x 730 x 1980 mm |

*The following P/N : GVF1A-C0AA00I-000 can be ordered from 1 unit.



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Helmets with 4 point chinstraps and extended arc flash protection system – Ordering Information

| Standard colors* | Color RAL | Standard P/Ns |
|------------------|-----------|-------------------|
| White | RAL 9003 | GVF1A-C0AA00I-000 |
| Yellow | RAL 1018 | GVF2A-C0AA00I-000 |
| Red | RAL 3020 | GVF3A-C0AA00I-000 |
| Green | RAL 6016 | GVF4A-C0AA00I-000 |
| Blue | RAL 5003 | GVF5A-C0AA00I-000 |
| Orange | RAL 2008 | GVF6A-C0AA00I-000 |
| Hi-vis orange | RAL 2005 | GVF9A-C0AA00I-000 |
| Hi-vis yellow | RAL 1026 | GVFAA-C0AA00I-000 |



*Grey, black shells available from 240, pcs

If you are interested in the retroreflective stickers arriving fitted to the shell, please add the corresponding digit:

GVFxA-CxAxGI-xxx, grey
GVFxA-CxAxHI-xxx, red
GVFxA-CxAxVI-xxx, green
GVFxA-CxAxQI-xxx, yellow
GVFxA-CxAxUI-xxx, blue



If you are interested in the retroreflective stickers not fitted to the shell, please add the corresponding digit:

GVFxA-CxAxEl-xxx, grey
GVFxA-CxAxFl-xxx, red
GVFxA-CxAxNI-xxx, green
GVFxA-CxAxPI-xxx, yellow
GVFxA-CxAxRI-xxx, blue

If you are interested in the badge/lamp holder please add the corresponding digit:

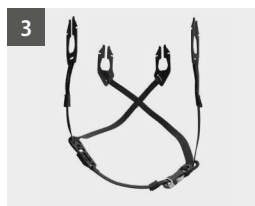
GVFxA-CxAx5I-xxx

If you are interested in the 4 point chinstrap with chincup please add the corresponding digit:

GVFxA-FxAx5I-xxx

Spare Parts – Ordering Information

| Part. No | Description |
|----------|---|
| GA90041 | 6-point Fas-Trac® III suspension with ratchet and replaceable, washable, foam sweatband |
| 10153518 | Fas-Trac® III foam sweatband (10 pcs) (5) |
| 696688 | Terry cotton (Terri-Band) sweatband (10 pcs) |
| GA90051 | Clear light blue tinted Class 2 face shield with connection rails (1) |
| GA90053 | Extended arc flash ear and neck flaps (pair) (2) |
| GA90047 | V-Gard Universal 4-point chinstrap (3) |
| GA90040 | Chincup V-Gard Universal 4-point chinstrap (4) |
| GA90039 | Reusable storage bag |
| GA90036 | 5 grey retroreflective stickers (set for one helmet) |
| GA90037 | 5 red retroreflective stickers (set for one helmet) |
| GA90056 | 5 green retroreflective stickers (set for one helmet) |
| GA90057 | 5 yellow retroreflective stickers (set for one helmet) |
| GA90058 | 5 blue retroreflective stickers (set for one helmet) |



MSA operates in over 40 countries worldwide.

To find an MSA office near you, please visit <https://gb.msasafety.com/contact-us>