V-Gard® **950**

Non-vented industrial safety helmets with integrated face shield

Balanced lightweight electrician's safety helmet, non-vented, with 6-point Fas-Trac® III ratchet suspension and GS-ET-29 class 1 face shield certified for protection against arc flash. For use where top impact hazards to the head, chemical splash, Ultra-Violet radiation, molten metal splash or electric arc to the face exist.





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
- Compatible with hearing protection
- Complete with 4-point chinstrap for better helmet retention
- Helmet delivered in a protective reusable storage bag
- Optional: chin cup made with arc flash resistant materials

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 knob adjustable even with gloves
- Three levels of nape height adjustment giving superior fit

Face Shield Features

- Protects against impact, chemical splash, Ultra-Violet radiation, molten metal splash and electric arc to GS-ET-29 class 1 (4kA)
- 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 an enhanced sealing with the shell
- Reliable single handed smooth movement, even gloved
- 2 face shield positions (up or completely down)
- Tool free face shield replacement

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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 helmet bag or ordered separately
- Similar day and night time appearance



Logo customisation option

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



MSA LOGO EXPRESS®

Optional arc flash ear flaps

- Unique washable arc flash ear flaps to ensure protection against arc flash (arc flash resistant textile; GS-ET-29 Class 1)
- Green color inside (visible in upper/stand by position) and grey color outside (visible in down/ safety position): you know when your workers are protected!
- Hand wash (40°C)



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
- Construction
- Oil, gas and petrochemical

Replacement parts

- Fas-Trac® III suspension
- Face-shield
- Foam sweatband
- 4-point chinstrap

Other compatible accessories

- Individual naming stickers
- V-Gard Hearing Protection
- Winter liners, neck capes and cooling liners

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MSA The Safety Company

Product Specification

General		
Product size	Head sizes from 52–63 cm	
Metal parts	None	
Weight	635 g included the 4-point chinstrap	
Shell dimensions	225 mm (width) x 150 mm (height) x 298 mm (length)	
Visor dimensions	290 mm (width) x 210mm (height) x 3 mm (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
4-point 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
Arc flash ear flaps (optional)	Lyocell fiber, modacrylic, core bonding fibers, meta-aramids, polyamide Color Code: - Internal: Pantone 13-0550 yellow fluo - External: Pantone 19-0201 grey	
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 acrylic 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 fixng to the shell.	
Note suspension	Before each use, inspect the suspensions and replace when damaged or contaminated, or as required for hygiene reasons.	
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 4 years including storage time.	

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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) EN 50365 electrical class 0 nominal voltage up to 1000 V A.C. and 1500 V D.C.
Standards (Eye Protection)	Certified by CE notified body DINCERTCO (0196) according to: EN166:2001 personal eye equipment 2C-1,2 1 3 B 8-1-0 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 "1" = Protection class 1 (4 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 60079-32-1 : 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 1.10^{8}Ω), not just suitable industrial helmets!
Additional testing for arc-flash ear-flaps	Tested according to GS-ET-29 Class 1 (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/Ns : GVF1A-C0A0000-000, GVF2A-C0A0000-000, GVF1A-C0A000G-000 and GVF1A-C0A00GG-000 can be ordered from 1 unit.*



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Helmets with 4 point chinstraps – Ordering Information

Standard colors*	Color RAL	Standard P/Ns
White	RAL 9003	GVF1A-C0A0000-000
Yellow	RAL 1018	GVF2A-C0A0000-000
Red	RAL 3020	GVF3A-C0A0000-000
Green	RAL 6016	GVF4A-C0A0000-000
Blue	RAL 5003	GVF5A-C0A0000-000
Orange	RAL 2008	GVF6A-C0A0000-000
Hi-vis orange	RAL 2005	GVF9A-C0A0000-000
Hi-vis yellow	RAL1026	GVFAA-C0A0000-000



**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-CxAxxGx-xxx, grey
GVFxA-CxAxxHx-xxx, red
GVFxA-CxAxxVx-xxx, green
GVFxA-CxAxxQx-xxx, yellow
GVFxA-CxAxxUx-xxx, blue



If you are interested in the retroreflective stickers not fitted to the shell, please add the corresponding digit:
GVFxA-CxAxxEx-xxx, grey
GVFxA-CxAxxFx-xxx, red
GVFxA-CxAxxNx-xxx, green
GVFxA-CxAxxPx-xxx, yellow
GVFxA-CxAxxRx-xxx, blue

If you are interested in the arc flash ear-flaps fitted please add the corresponding digit:
GVFxA-CxAxxxG-xxx

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

If you are interested in the badge/lamp holder please add the corresponding digit:
GVFxA-CxAx5xx-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)
GA90034	Clear face shield with connection rails (1)
GA90047	Universal 4-point chinstrap (2)
GA90040	Chincup for V-Gard universal 4-point chinstrap (4)
GA90033	Arc-flash ear-flaps (pair) (3)
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)

1 

2 

3 

4 

5 

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