

V-Gard®500 Helmet with Badge Holder



Non-vented Industrial Safety Helmets

Comfort and protection with identification function



V-Gard 500 non vented Safety Helmet

Key features and benefits

- UV stabilised ABS helmet shell offering good resistance to scratches
 - Provides lateral crush protection
 - Built-in rain gutter for outdoor operations
 - Standard slots to easily attach MSA visors and/or ear muffs
 - Ventilation holes on the upper part for optimized airflow
 - 2- or 3-point chinstraps available
 - 8 shell colours: white, yellow, red, blue, green, orange, fluo orange, fluo yellow
 - Optional: text or full colour picture printing on all helmet sides; individual naming stickers; reflective stickers
 - Lifetime: 3 years storage, +5 years service time; MSA delivers stickers to note date of first use and stick to inside shell
 - Ideal design for adapting earmuffs, visors or attaching headband of MSA eyewear with goggle adapter
 - Ideal electrician helmet meeting EN 397 440 V AC and EN 50365 1000 V AC
 - **ELECTROSTATIC-INERIS** certified (testing according to EN 13463-1). Suitable for use in **ATEX** environments hazardous zones 1, 2,20, 21, 22
 - 4 suspensions available:
 - Push-Key** with slide adjustment and sweat-wicking **foam sweatband**
 - Push-Key** with slide adjustment and wipeable **PVC sewn in sweatband**
 - Fas-Trac® III** with wheel ratchet and sweat-wicking **foam sweatband**
 - Fas-Trac® III** with wheel ratchet and wipeable **PVC sewn in sweatband**
- Badge Holder:**
- Transparent plastic embossed to avoid scratches damage
 - Robust and watertight for outdoor applications
 - Ultra sonic welding which resists a tearing test of more than 10 kg
 - Highly valueable for industries or construction sites when several operators are involved in the same work area
 - A business card, a magnetic access control badge or cards with worker specific "InCaseOfEmergency" information, authorisation and licences can be inserted

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MSA Suspensions - General features and benefits

- Overhead straps made of woven polyester providing high comfort and long term, consistent shock absorption performance
- Ensures consistent performance and comfort level even under the influence of moisture or low temperatures
- Sophisticated 4 point attachment: good positioning, stability and better air circulation
- Ideal positioning of the harness through height and length adjustment: perfect for use with face masks
- Self-adjusting textile crown straps for fast height adjustment and comfortable fit



MSA Push-Key suspension

Features and benefits

- **EASE OF USE:**
 - This is the fastest sliding suspension on the market: simple push to loosen, squeeze to tighten
 - Can be adjusted with one hand even when worn
- **SURE FITTING:**
 - It offers greater retention capacity than competitive sliding suspensions because it's so much easier to select the best adjustment position
- **ADJUSTABILITY:**
 - 2 levels of nape adjustment for fitting comfort
 - Designed to avoid interference with other PPE such as ear muffs
- **SWEATBAND COMFORT:**
 - 2 different options: sewn in PVC perforated wipeable or sweat-wicking foam

MSA Fas-Trac® III suspension

Features and benefits

- **BALANCE & STABILITY :**
 - Lower nape strap improves retention: Helmets stay on when leaning over
 - Adjusts for a custom fit to the back of the head
- **HEADBAND COMFORT:**
 - The comfort pad by separating the ratchet from the head, cradles the head increasing comfort and cooling airflow
 - Prevents hair from getting pulled
- **EASE OF USE:**
 - Ratchet offers smooth rotation: reduced effort to turn
 - Easy grip knob adjustable even with gloves on
- **ADJUSTABILITY:**
 - Three levels of nape height adjustment giving superior nape fit
 - Avoids interference with other PPE such as ear muffs
- **SWEATBAND COMFORT:**
 - Largest sweatband surface area on the market covers more of the headband and user's forehead for increased comfort
 - 2 different sweatband options: sewn in PVC perforated wipeable or sweat-wicking washable foam (breathable fabric allows direct air permeation)
 - Replaceable foam sweatband can be attached over the existing sweatband without demounting the suspension

Also available Terry cotton washable sweatband that can be used over both sewn in PVC or replaceable foam sweatbands for increased user comfort



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Technical Specifications

Shell with badge holder	
Shell material	ABS (Acrylonitrile Butadiene Styrene), UV stabilized, non vented
Weight	270 g
Badge Holder material	Polycarbonate (PC) embossed ultrasonic welded
Badge Holder Dimensions	90 mm x 60 mm for badge 85 mm x 54 mm
Badge Holder Weight	16g
Suspensions	
Weight	Push-Key with slide adjustment and sweat-wicking foam sweatband: 66 g Push-Key with slide adjustment and wipeable PVC sewn in sweatband: 70 g Fas-Trac III with wheel ratchet and sweat-wicking foam sweatband: 89 g Fas-Trac III with wheel ratchet and wipeable PVC sewn in sweatband: 91 g
Webbing	Black Polyester (PET), double straps, 4 points
Sweatband material	Push-Key with wipeable sewn in PVC sweatband and Polyurethane (PU) internal foam. Nontoxic PVC in contact with the head. Push-Key with sweat-wicking Polyurethane (PU) internal grey foam and grey Polyamide (PA) finish in contact with the head Fas-Trac® III with wipeable sewn in PVC sweatband and Polyurethane (PU) internal foam. Nontoxic PVC in contact with the head. Fas-Trac® III with sweat-wicking Polyurethane (PU) internal grey foam and grey Polyamide (PA) finish in contact with the head. Machine or hand washing (max. 50 cycles)
Headband	Fas-Trac® III: Polypropylene (PP) Push-Key: Low Density Polyethylene (LDPE)
Clips	Grey Polypropylene (PP)
Comfort Pad (Fas-Trac III)	Low Density Polyethylene (LDPE)
Adjustment	Fas-Trac® III (Ratchet): Polyoxymethylene (POM), Polypropylene (PP) and Polyamide (PA) Push-Key (Button) : Polyoxymethylene (POM)
Size	52-64 cm
Metal parts	No
Approvals	
Standards	Certified by European Notified Body UTAC (0069) according to: EN 397: 2012
Mandatory Tests	Shock absorption, resistance to penetration, flame resistance, chinstrap anchorage
Optional Tests	Very low temperature / -30°C, electrical insulation / 440 V AC, Lateral Deformation / LD
Autres Normes	Certified by INERIS to EN 13463-1: 2001 for safe use in ATEX areas* (ELECTROSTATIC-INERIS testing): Certificate n°29406 - Industry: Dust: hazardous zones 20, 21, 22 (all zones) Gas: zones 1 and 2 with gas group IIA (propane) - Mines: any type of extraction and any depth *Caution: when working in an ATEX area operatives must be fully equipped with appropriate PPE eg. dissipative shoes (earth resistance less than 1.10 ⁶ Ω), not just suitable industrial helmets! Certified by European notified body INSPEC (0197) according to: EN 50365:2002 electrical class 0 nominal voltage up to 1000 V A.C. and 1500 V D.C. The voltage used for this test is 10 000 V.
Lifetime guidelines	
Storage time (when helmet not used)	3 years from shell injection date (helmet packed in proper condition, not exposed to light, chemical or any type of pollution). Store in a proper storage bag and/or in a closed cabinet to avoid extended exposure to sunlight, cold, humidity, exhaust fumes, etc. If the helmet has been stored more than 2 years, deduct the extra storage time from the recommended helmet's service life. NB: For EN 50365 class 0 helmets recommended storage temperature 20 ±15 °C to ensure performance
Service life (in addition to the storage time)	5 years from actual starting date of use. MSA recommends writing the date of first use onto a sticker (supplied with each helmet) and then sticking into the shell. This is normally the point at which service life starts
Suspension (Push-Key and Fas-Trac III)	Replace when damaged or contaminated, or as required for hygienic reasons

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Packaging

Part No.	Description
Individual (sales unit)	One helmet in a protective plastic bag printed with instructions, 1 tab suspensions fitted or 4 tabs suspensions fitted (GVxxx-xxAxxx-xxx)
Box	Minimum order quantity: 20 helmets with EAN code on the box Box size: 706x586x455 mm (one tab fitted) or 720x610x460 mm (4 tab fitted)
Pallet	200 helmets (10 boxes of 20 helmets) - Pallet size: 1200 x 730 x 1980 mm

Ordering Information

Colors	RAL Codes	V-Gard 500 NV PK PVC sweatband Badge holder	V-Gard 500 NV PK foam sweatband Badge holder	V-Gard 500 NV FTIII PVC sweatband Badge holder	V-Gard 500 NV FTIII foam sweatband Badge holder
Whita	RAL 9003	GV511-0000500-000	GV513-0000500-000	GV512-0000500-000	GV519-0000500-000
Yellow	RAL 1018	GV521-0000500-000	GV523-0000500-000	GV522-0000500-000	GV529-0000500-000
Red	RAL 3020	GV531-0000500-000	GV533-0000500-000	GV532-0000500-000	GV539-0000500-000
Green	RAL 6016	GV541-0000500-000	GV543-0000500-000	GV542-0000500-000	GV549-0000500-000
Blue	RAL 5022	GV551-0000500-000	GV553-0000500-000	GV552-0000500-000	GV559-0000500-000
Orange	RAL 2008	GV561-0000500-000	GV563-0000500-000	GV562-0000500-000	GV569-0000500-000
Grey	RAL 7036	GV571-0000500-000	GV573-0000500-000	GV572-0000500-000	GV579-0000500-000
Black	RAL 9004	GV581-0000500-000	GV583-0000500-000	GV582-0000500-000	GV589-0000500-000

Part No.	Description	ATO digit when fitted to helmets
10162752	Fas-Trac® III suspension with ratchet and sewn in PVC sweatband	GVxx2
10162755	Fas-Trac® III suspension with ratchet and replaceable, washable, foam sweatband	GVxx9
10162507	Push-Key suspension with slide adjustment and sewn in PVC sweatband	GVxx1
10162508	Push-Key with slide adjustment and replaceable foam sweatband	GVxx3
10153518	Fas-Trac® III foam sweatband (10 pcs) – replacements for 10162755 or GVxx9 or over	
3335612-SP	Push-Key foam sweatband (10 pcs) – replacements for 10162508 or GVxx3	
696688	Terry cotton (Terri-Band) sweatband (10 pcs) – for use over sewn in PVC sweatband	

Other accessories and options	Ask for our detailed data-sheets
Options	Lamp brackets
Options	Logo Customization
Accessories or Options	Chinstraps
Accessories or Options	High visibility stickers
Accessories	Helmet mounted ear-muffs
Accessories	Individual naming
Accessories	Frame and visors
Accessories	Winter liners
Accessories	Cooling liners
Accessories	Neck curtains
Accessories	Goggles Clips

