V-Gard®520 **Industrial Safety Helmets**

Non-vented peakless safety helmet for work at height or confined spaces







V-Gard 520 non-vented Safety Helmet

Key features and benefits

- No peak for confined spaces and to ensure perfect upward vision when working at height
- 2-or-4 point chinstraps available, including V-Gard universal 4-point chinstrap (GA90047), chincup in option
- UV stabilised ABS helmet shell offers good resistance to scratches
- Provides lateral crush protection
- Built-in rain gutter for outdoor operations
- 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**
- Anti-static assembly; **ELECTROSTATIC-INERIS** certified for use in **ATEX**/explosive environments
- 8 shell colours: white, yellow, red, blue, green, orange, black, hi-vis orange
- Optional: badge holder for the front, branding; 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

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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 sweatwicking 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	
Shell material	ABS (Acrylonitrile Butadiene Styrene), UV stabilized, Non-vented
Weight	260g
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	
Standard	Certified by European Notified Body DGUV (0299) 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
Other standards 1000 V ELECTROSTATIC Ex INERIS	Certified by European Notified Body DGUV (0299) 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 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) - 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 1.108Ω), not just suitable industrial helmets! Part of **GS-ET-29** class 1+2 visor testing
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 3 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

	Description
Individual (sales unit)	One helmet in a protective plastic bag with instructions, 1 tab suspensions fitted or 4 suspensions fitted (GVxxx-xxAxxxx-xxx)
Box	Minimum order quantity: 20 helmets 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

• V-Gard 520 helmet **without chinstrap**

Colors	RAL Code	V-Gard 520 NV PK PVC sweatband	V-Gard 520 NV PK foam sweatband	V-Gard 520 NV FTIII PVC Sweatband	V-Gard 520 NV FTIII foam sweatband
White	RAL 9003	GV911-0000000-000	GV913-0000000-000	GV912-0000000-000	GV919-0000000-000
Yellow	RAL 1018	GV921-0000000-000	GV923-0000000-000	GV922-0000000-000	GV929-0000000-000
Red	RAL 3020	GV931-0000000-000	GV933-0000000-000	GV932-0000000-000	GV939-0000000-000
Green	RAL 6016	GV941-0000000-000	GV943-0000000-000	GV942-0000000-000	GV949-0000000-000
Blue	RAL 5003	GV951-0000000-000	GV953-0000000-000	GV952-0000000-000	GV959-0000000-000
Orange	RAL 2008	GV961-0000000-000	GV963-0000000-000	GV962-0000000-000	GV969-0000000-000
Black	RAL 9004	GV981-0000000-000	GV983-0000000-000	GV982-0000000-000	GV989-0000000-000
Hi-vis Orange	RAL 2005	GV991-0000000-000	GV993-0000000-000	GV992-0000000-000	GV999-0000000-000

• V-Gard 520 helmet **with V-Gard Universal 4-point chinstrap (GA90047) fitted**

Colors	RAL Code	V-Gard 520 NV PK PVC sweatband	V-Gard 520 NV PK foam sweatband	V-Gard 520 NV FTIII PVC Sweatband	V-Gard 520 NV FTIII foam sweatband
White	RAL 9003	GV911-C000000-000	GV913-C000000-000	GV912-C000000-000	GV919-C000000-000
Yellow	RAL 1018	GV921-C000000-000	GV923-C000000-000	GV922-C000000-000	GV929-C000000-000
Red	RAL 3020	GV931-C000000-000	GV933-C000000-000	GV932-C000000-000	GV939-C000000-000
Green	RAL 6016	GV941-C000000-000	GV943-C000000-000	GV942-C000000-000	GV949-C000000-000
Blue	RAL 5003	GV951-C000000-000	GV953-C000000-000	GV952-C000000-000	GV959-C000000-000
Orange	RAL 2008	GV961-C000000-000	GV963-C000000-000	GV962-C000000-000	GV969-C000000-000
Black	RAL 9004	GV981-C000000-000	GV983-C000000-000	GV982-C000000-000	GV989-C000000-000
Hi-vis Orange	RAL 2005	GV991-C000000-000	GV993-C000000-000	GV992-C000000-000	GV999-C000000-000

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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	
9100001	2-point textile chin strap	
B0259378	2-point elastic chin strap	
GA90047	V-Gard Universal 4-point chinstrap	
10147559	4-point textile chin strap, zebra webbing	

Other accessories and options	Ask for our detailed data-sheets
Options	Lamp brackets
Options	Logo Customization
Options	Badge holder
Accessories or Options	Chinstraps
Accessories or Options	High visibility stickers

Other accessories and options	Ask for our detailed data-sheets
Accessories	Helmet mounted ear-muffs
Accessories	Individual naming
Accessories	Frame and visors
Accessories	Winter liners
Accessories	Cooling liners
Accessories	Neck curtains
Accessories	Goggles Clips