# V-Gard®500 **Industrial Safety Helmets**

***Non-vented helmet*** *- Fully featured for an unparalleled protection*



V-Gard 500 non-vented Push-Key



V-Gard 500 non-vented Fas-Trac III

## V-Gard 500 non-vented Safety Helmet

### Key features and benefits

- UV stabilised ABS helmet shell offers 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
- 2-or-4 point chinstraps available, including V-Gard universal 4-point chinstrap, chincup in option
- 8 shell colours: white, yellow, red, blue, green, orange, grey and black
- 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
- Ideal electrician helmet meeting EN 397 440 V AC and EN 50365 1000 V AC
- Ideal design for adapting earmuffs, visors or attaching headband of MSA eyewear with goggle adapter
- Anti-static assembly; **ELECTROSTATIC-INERIS** certified for use in **ATEX**/ explosive environments
- 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**

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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

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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MSA The Safety Company

## Technical Specifications

| | |
|---|---|
| **Shell** | |
| **Shell material** | ABS (Acrylonitrile Butadiene Styrene), UV stabilized, Non-Vented |
| **Weight** | 270g |
| **Suspensions** | |
| **Weight** | **Push-Key** with slide adjustment and sweat-wicking foam sweatband: 66 g<br>**Push-Key** with slide adjustment and wipeable PVC sewn in sweatband: 70 g<br>**Fas-Trac® III** with wheel ratchet and sweat-wicking foam sweatband: 89 g<br>**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.<br>**Push-Key** with sweat-wicking Polyurethane (PU) internal grey foam and grey Polyamide (PA) finish in contact with the head<br>**Fas-Trac® III** with wipeable sewn in PVC sweatband and Polyurethane (PU) internal foam. Nontoxic PVC in contact with the head.<br>**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)<br>**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)<br>**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**<br>1000 V<br>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.<br>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)<br>- Industry:<br>Dust: hazardous zones 20, 21, 22 (all zones)<br>Gas: zones 1 and 2 with gas group IIA (propane)<br>- Mines: any type of extraction and any depth<br>*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! |
| **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 tabs suspensions fitted (GVxxx-xxAxxxx-xxx) |
| **Box** | Minimum order quantity: 20 helmets<br>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 Code | V-Gard 500 NV PK PVC sweatband | V-Gard 500 NV PK foam sweatband | V-Gard 500 NV FTIII PVC Sweatband | V-Gard 500 NV FTIII foam sweatband |
|---|---|---|---|---|---|
| **White** | 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 5003 | GV551-0000500-000 | GV553-0000500-000 | GV552-0000500-000 | GV559-0000500-000 |
| **Orange** | RAL 2008 | GV561-0000500-000 | GV563-0000500-000 | GV562-0000500-000 | GV559-0000500-000 |
| **Gray** | 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 |

