



## ThermalGard Safety Helmet - Key features and benefits

- Glass reinforced polyamide (Nylon) injected shell
- High temperature resistance +150°C EN 397 and low temperature resistance
- -50°C GOST option
- Protection against molten metal
- Provides lateral crush protection
- Special Fas-Trac III ThermalGard suspension with ratchet
- Selection of high-temperature frame, visors and flame retardant winter liners
- Lifetime: 3 years storage, +5 years service time; MSA delivers stickers to note date of first use and stick to inside shell

## 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
  - Sweatband: sewn in PVC perforated wipeable or sweat-wicking washable foam (breathable fabric allows direct air permeation)

## Technical Specifications

Shell	
Material	Glass reinforced polyamide (Nylon) - Non vented
Weight	341 g
Suspensions	
Weight	<b>Fas-Trac® III</b> with wheel ratchet and sweat-wicking foam sweatband: 89 g
Webbing	Black Polyester (PET), double straps, 4 points
Sweatband material	Wipeable sewn in PVC sweatband and Polyurethane (PU) internal foam. Nontoxic PVC in contact with the head.
Headband	Polypropylene (PP)
Clips	Black Polypropylene (PP)
Comfort pad (Fas-Trac® III)	Low Density Polyethylene (LDPE)
Ratchet Mechanism	Polyoxymethylene (POM), Polypropylene (PP) and Polyamide (PA)
Size	52-64 cm
Metal parts	No
Approvals	
Standard	Certified by European Notified Body INSPEC (0197) according to: <b>EN 397: 2012</b>
<b>Mandatory tests</b>	Shock absorption, resistance to penetration, flame resistance, chinstrap anchorage
<b>Optional tests</b>	Very low temperature / -30°C Electrical Insulation / 440 V AC Molten Metal / MM Very High Temperature / +150°C (Helmet should be tempered for 60min at this temperature, then tested for shock absorption and resistance to penetration.)
<b>Other testing</b>	External Testing : Antistatic according to EN13463-1 for safe use in ATEX areas 1,2, 21, 22 (test report n°100/105a/05 BVS-Bi by EXAM DEKRA 2008)  Internal Testing : Compliant to EN397 shock absorption and resistance to penetration after being conditioned during 1 min @ 14 KW radiant heat
Lifetime guidelines	
<b>Storage time (when helmet not used)</b>	<b>3 years</b> 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
<b>Service life (in addition to the storage time)</b>	<b>5 years</b> 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
<b>Suspension (Fas-Trac® III)</b>	Replace when damaged or contaminated , or as required for hygienic reasons

## 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-xxAxxxx-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	ThermalGard Fas-Trac III PVC Sweatband
White	GV815-0000000-000
Yellow	GV825-0000000-000
Fluo Orange	GV895-0000000-000
Part No.	Spare parts
10162753	ThermalGard Fas-Trac III suspension with ratchet and sewn in PVC sweatband
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

