



V-Gard Head Protection
... because your head deserves the best

V-Gard Head Protection

MSA – a market leader in Head Protection



Our mission is: "That men and women may work in safety and that they, their families and their communities may live in good health throughout the world". Since 1914, MSA has been committed to provide high quality personal protective equipment to workers, serving markets throughout the world.

MSA serves a wide variety of markets with a unique range of high performance helmets :



- Fire and Rescue helmets: with the unique Gallet products (F1 and F2 ranges), MSA protects fire-fighters in more than 80 countries worldwide
- Law Enforcement and Ballistic helmets: supplying head protection solutions to Police and military troops around the globe
- Helicopter and Jet Pilot helmets



MSA – a global leader in Industrial Head Protection



MSA has been a strong market leader in North America for years, and has manufactured over 80 millions hard hats since the introduction of the first product in 1964.

High quality – High competency

In MSA's European centre of competence for head protection in France, MSA has its own, internationally accredited and certified test laboratory. Right next to the production lines and the Research and Development centre, helmets for industrial workers, fire fighters, police, military and jet pilots are tested every day. Modern technologies in conjunction with experience in high-tech head protection assure the highest quality standards. V-Gard helmets are tested with more severe performance levels than required in standards because in real life it may save lives. Modern production methods and quality programs ensure the conformity of all helmets produced.



V-Gard 500 tested for penetration



V-Gard 500 tested for lateral deformation

Environmentally Sensitive

The MSA Head Protection range design is environmentally friendly and the production plant takes account of environmental considerations in all the manufacturing process, from the selection of raw-material supplier to shipping. All the plastic material wastage during operations or helmets used for laboratory tests are sorted & recycled as for all the plant waste (paper...). Moreover, globally MSA is compliant with all the latest environmental directives such as REACH, regulations for chemical components used in our products. All these aspects are written in our Plant Safety & Environment Guideline & Policies available on request.

With the new V-Gard series MSA offers three models giving performance levels to optimally suit all major industrial applications:

- Oil, Gas and Petrochemicals:
Offshore platforms; Refinery and chemical sites; Gas extraction sites; Platform and vessel construction
- Utilities:
Water purification and waste treatment; Electrical power; Generation plants; Electricity distribution and supply; Telecommunications
- Mining:
Underground extraction; Opencast mining; Ore processing and transportation; Inspection and maintenance
- Construction:
Civil Infrastructure – Highways, railways and underground transport; Property development – Commercial and domestic; Renovation and restoration
- Metal Processing:
Furnaces and foundries; Steel mills and processing; Aluminium smelters

Solutions for diverse needs

Because the risks are not the same for each task, the correct selection of a safety helmet is important to ensure the safety of the workers.

Each helmet provides a different level of protection and comfort and should be selected depending on the hazards to which the wearer is exposed :

- Prolonged or occasional use
- Static or mobile use
- Outdoor or indoor use,
- Exposure to falling objects,
- High temperatures
- Liquid splashes
- Exposure to electrical risks
- Working at height
- Confined spaces or low ceilings
- Storage conditions, e.g. very low temperatures

A risk analysis of the workplace and tasks is needed to make sure that the correct and most economic equipment is selected.

Providing the proper level of protection and optimal comfort will enable the wearer to focus on the task rather than on the equipment, so increasing efficiency and further reducing the risks of accident and injury.



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Key Product Features

ABS/HDPE Helmet Shells

For the helmet shells MSA uses HDPE (High Density Polyethylene) and ABS (Acrylonitrile Butadiene Styrene). Both are UV resistant materials (UV stabilized materials). MSA's HDPE shells offer a good resistance to shocks. MSA's ABS shells have a higher resistance to shocks and scratches and to deformation in heat and provide better lateral crushing protection. MSA provides recommendations on total industrial helmet lifetimes: 3 years for HDPE shells and 5 years for ABS shells. In addition, MSA helmets have a maximum shelf life of 3 years before the helmets are put in service.



Textile Suspensions

- MSA's suspensions are made of woven polyester and provide high comfort and long term, consistent shock absorption performance.
- Ensure a consistent performance level even under the influence of moisture.
- Highly comfortable even at extremes of temperatures.
- Sophisticated 4 point attachment ensure good positioning, stability and better air circulation due to limited contact areas with the head.
- Ideal positioning of the harness through height and length adjustment, perfect for use with full-face respiratory masks.
- Both MSA size adjustment systems are patented: Staz-On with slide and Fas-Trac with larger wheel ratchet for quick adjustment when you wear gloves.
- Separate sweatbands in different materials are available.



Approvals

New Antistatic Approval

People working in potentially explosive areas are well protected with V-Gard and V-Gard 500. Preventing electrostatic charge, both helmet models are certified according to EN 13463-1 for Zone 1, 2, 21 and 22, Explosion group IIA.

MSA offers a complete antistatic helmet lamp solution: V-Gard or V-Gard 500 helmets with lamp brackets and ATEX approved lamps (XS/XP).

New Electrical Insulation Approval

V-Gard and V-Gard 500 (non vented) are approved to the optional electrical insulation requirement of 440 V AC from EN 397. This test is a current leakage test performed in 3 different conditions to ensure there is no risk of the electrical current being transmitted to the wearer in case a powered wire is in contact with the helmet. The voltage used for this test is 1200 V AC.





Moreover V-Gard and V-Gard 500 non vented are now certified according to EN 50365 (electrically insulating helmets for use on low voltage installations). They offer reliable protection against electric shock up to AC 1000 V or DC 1500 V. The voltage used for this test is 10 000 V.

MSA also offers a complete solution for electricians: insulated helmets and electric-arc protection visors.



A wide range of solutions

Your head is your most valuable asset and deserves the best protection. MSA's range of products offers a combination of style, comfort and features that match the needs of industrial users.

					
Model	V-Gard <i>The "All-round" helmet</i>	V-Gard 200 <i>Functional and stylish</i>	V-Gard 500 vented <i>Comfort and protection</i>	V-Gard 500 <i>Fully featured for an unparalleled protection</i>	
Helmet shell material	HDPE	ABS	ABS	ABS	
Weight	350 g (with Staz-On)	350 g (with Staz-On)	360 g (with Staz-On)	360 g (with Staz-On)	
Peak	Normal	Short	Normal	Normal	
Rain Gutter			●	●	
Ventilation system		●	●		
Colour options helmet shell	White, yellow, red, green, blue, orange, fluo orange	White, yellow, red, green, blue, orange, fluo yellow	White, yellow, red, green, blue, orange, black, grey	White, yellow, red, green, blue, orange, black, grey	
Suspensions	Textile 4 points, 2 options: Staz-On with slide adjustment 52–62 cm; Fas-Trac with ratchet wheel adjustment 52–64 cm; Both with optional leather sweatband				
Approvals	Low temperature	–30 °C (GOST –50 °C)	–30 °C	–30 °C (GOST –50 °C)	–30 °C (GOST –50 °C)
	LD (Lateral Deformance)			●	●
	MM (Molten Metal)			*	●
	440 V AC	●			●
	High Temperature			GOST +90 °C	GOST +90 °C
	EN 50365 (1000 V AC)	●			●
	Antistatic EN 13463-1	Zone 1, 2, 21, 22		Zone 1, 2, 21, 22	Zone 1, 2, 21, 22

* = the vented version passed the MM test but MSA recommends to use only unvented version for metal splash

MSA offers also helmets for specialist applications:

- Linesman: Peakless version for confined spaces or any over head or high level work
- F2 X-TREM: High performance head protection

Please ask for the separate leaflets.



V-Gard Head Protection

■ V-Gard

Solid "all-round" helmet

- Standard HDPE helmet shell, for many industrial applications the ideal and most economic solution
- Economic electrician helmet meeting EN 397 440 V AC and EN 50365
- EN 397 –30 °C (GOST –50 °C)
- Antistatic approved



Ordering information

		V-Gard complete with Fas-Trac harness	V-Gard complete with Staz-On harness
	White	GV112-0000000-000	GV111-0000000-000
	Yellow	GV122-0000000-000	GV121-0000000-000
	Red	GV132-0000000-000	GV131-0000000-000
	Green	GV142-0000000-000	GV141-0000000-000
	Blue	GV152-0000000-000	GV151-0000000-000
	Orange	GV162-0000000-000	GV161-0000000-000
	Fluo Orange	GV192-0000000-000	GV191-0000000-000

■ V-Gard 200

Functional and stylish

- ABS helmet shell offers good resistance to scratches and to deformation in heat
- Lightweight
- Stylish design
- Short peak for improved upward vision
- Effective ventilation system with vent holes on the upper part



Ordering information

		V-Gard 200 complete with Fas-Trac harness	V-Gard 200 complete with Staz-On harness
	White	GV612-0000000-000	GV611-0000000-000
	Yellow	GV622-0000000-000	GV621-0000000-000
	Red	GV632-0000000-000	GV631-0000000-000
	Green	GV642-0000000-000	GV641-0000000-000
	Blue	GV652-0000000-000	GV651-0000000-000
	Orange	GV662-0000000-000	GV661-0000000-000
	Fluo yellow	GV6A2-0000000-000	GV6A1-0000000-000

■ V-Gard 500 – vented

Comfort and protection

- ABS helmet shell offers good resistance to scratches and to heat deformation
- Provides lateral crushing protection
- Rain gutter for outdoor operations
- For applications –50 °C to +90 °C
- Antistatic approved for zone 1, 2, 21, 22
- Effective ventilation system due to vent holes on the upper



Ordering information

		V-Gard 500 vented complete with Fas-Trac harness	V-Gard 500 vented complete with Staz-On harness
	White	GV412-0000000-000	GV411-0000000-000
	Yellow	GV422-0000000-000	GV421-0000000-000
	Red	GV432-0000000-000	GV431-0000000-000
	Green	GV442-0000000-000	GV441-0000000-000
	Blue	GV452-0000000-000	GV451-0000000-000
	Orange	GV462-0000000-000	GV461-0000000-000
	Grey	GV472-0000000-000	GV471-0000000-000
	Black	GV482-0000000-000	GV481-0000000-000

■ V-Gard 500 – non vented

Fully featured for an unparalleled protection

- Benefits as described for vented version plus:
- Ideal electrician meeting EN 397 440 V AC and EN 50365
- Protection against molten metal



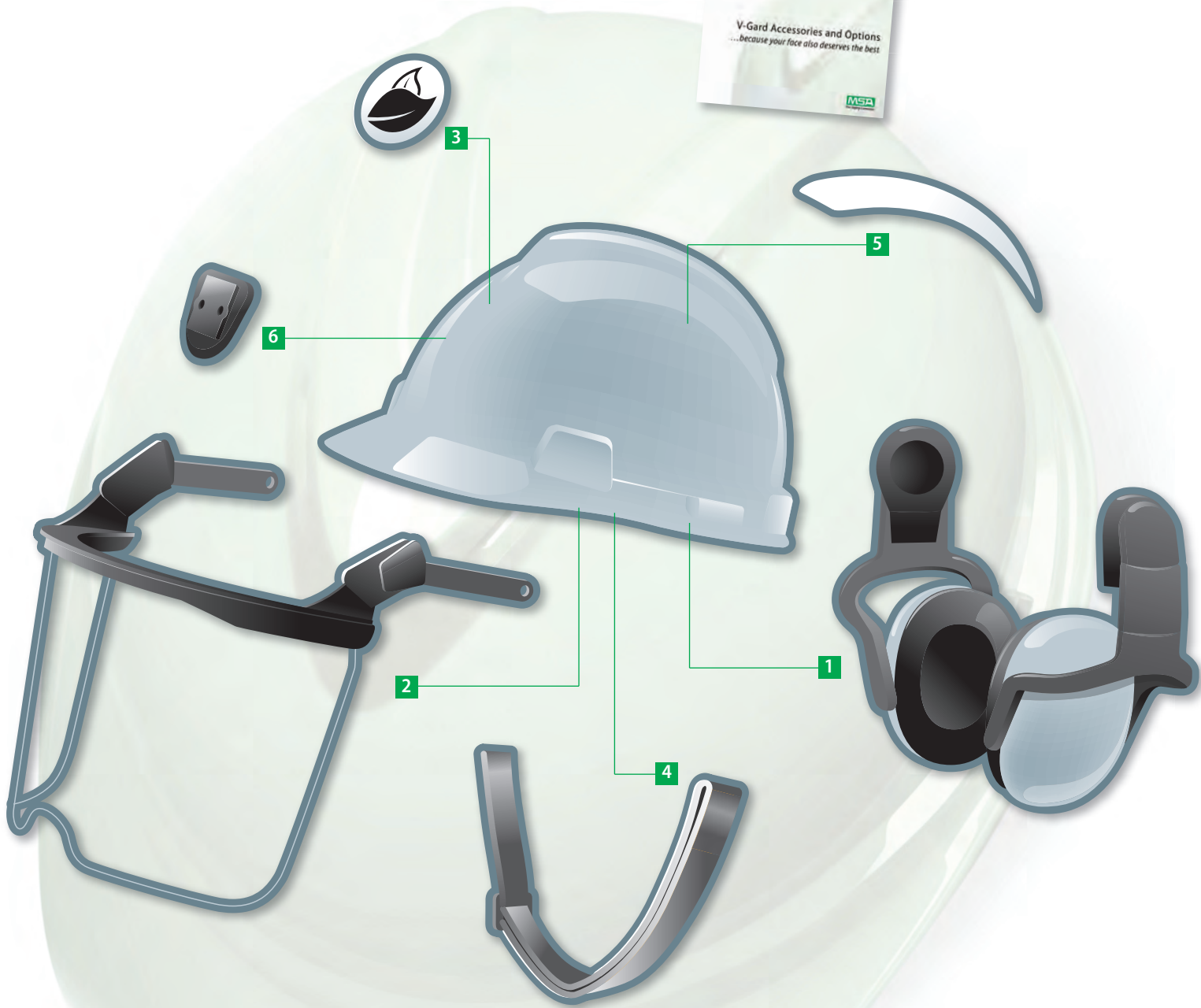
Ordering information

		V-Gard 500 non vented complete with Fas-Trac harness	V-Gard 500 non vented complete with Staz-On harness
	White	GV512-0000000-000	GV511-0000000-000
	Yellow	GV522-0000000-000	GV521-0000000-000
	Red	GV532-0000000-000	GV531-0000000-000
	Green	GV542-0000000-000	GV541-0000000-000
	Blue	GV552-0000000-000	GV551-0000000-000
	Orange	GV562-0000000-000	GV561-0000000-000
	Grey	GV572-0000000-000	GV571-0000000-000
	Black	GV582-0000000-000	GV581-0000000-000

V-Gard Helmet system



For more information, please ask for the V-Gard Accessories and options leaflet (06-105.2).



When you need more than just a helmet you can add a range of compatible accessories providing additional protection, comfort levels and adaptations for environmental conditions:

- Hearing protection (1)
- Visor (2)
- Logo customisation (3)
- Chinstrap (4)
- Retro-reflective stickers (5)
- Lamp attachment (6)
- Neck curtain
- Winter liner, sweatband, etc

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