

V-Gard 500 Industrial Helmet

[Technical Data Sheet]



Key Helmet Features

Vented Version:

- 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 ATEX zone 1, 2
- Effective ventilation system due to vent holes on the upper
- Ideal design to adapt visors, ear muffs and other accessories
- 8 colours available



Unvented Version: Benefits as described for vented version plus

- Ideal electrician helmet meeting EN 397 440 V AC and EN 50365 (1000 V)
- Protection against molten metal

Suspension Features

- Two patented size adjustment systems: Staz-On with slide and Fas-Trac with larger wheel ratchet for quick adjustment when you wear gloves
- Made of woven polyester
- Provide high comfort and long term, consistent shock absorption performance
- Preferred wearing height can be easily adjusted by pushing top crown strap
- 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
- Separate sweatbands in different materials are available

Technical information / Ordering information

Materials & Weight:

Shell:
Acrylonitrile Butadiene Styrene, UV stabilized

Harness:
Sweatband: PVC (Vinyl); Optional: real leather
Headband & Clips: LDPE (Low density polyethylene)
Webbing: Polyester

Weight: approx 300 gr

Weight: FasTrac approx 100 gr; StazOn: approx 60 gr

	V-Gard 500 vented with Fas-Trac harness	V-Gard 500 vented with Staz-On harness	V-Gard 500 unvented with Fas-Trac harness	V-Gard 500 unvented with Staz-On harness
White	GV412-00A0000	GV411-00A0000	GV512-00A0000	GV511-00A0000
Yellow	GV422-00A0000	GV421-00A0000	GV522-00A0000	GV521-00A0000
Red	GV432-00A0000	GV431-00A0000	GV532-00A0000	GV531-00A0000
Green	GV442-00A0000	GV441-00A0000	GV542-00A0000	GV541-00A0000
Blue	GV452-00A0000	GV451-00A0000	GV552-00A0000	GV551-00A0000
Orange	GV462-00A0000	GV461-00A0000	GV562-00A0000	GV561-00A0000
Grey	GV472-00A0000	GV471-00A0000	GV572-00A0000	GV571-00A0000
Black	GV482-00A0000	GV481-00A0000	GV582-00A0000	GV581-00A0000

All versions are also available with real leather sweatbands

Approvals

Tested and certified to **EN 397/A1:2000** for test procedures see the standard:

Mandatory Tests	Standard Clause	Optional Tests	Standard Clause
Shock Absorption	5.1.1.	Very low temperature -30°C	5.2.1.
Resistance to Penetration	5.1.2.	440 V AC Electrical Insulation (for non-vented shells)	5.2.3.
Flame Resistance	5.1.3.	Lateral Deformation	5.2.4.
Chin Strap Anchorages	5.1.4.	Molten Metal Splash	5.2.5.

Additional Approvals

EN 13463-1:2001 ATEX

INERIS ATEX certificate n°115301/10: for use in explosive atmospheres:

- Surface Industry: Dust atmospheres in the hazardous areas 20, 21, 22 and Gas atmospheres for group IIA in the hazardous areas 1 and 2
- Mining Industry: Any type of extraction and any depth

EN 50365 Electrical class 0 for installations with nominal voltage up to 1000 V A.C. and 1500 V D.C.

Russian GOST Approval: -50°C very low temperatures;
+90°C high temperatures

Recommended Product Lifetime

- Shelf life (all models): 3 years from manufacturing date, if stored in proper conditions
- Service life (ABS shells): 5 years from first use
- Suspension (Staz-On and Fas-Trac): replace every 2 year or sooner if damaged or contaminated
- For EN 50365 class 0 helmets: recommended storage temperature 20 ±15 °C to ensure performance

Accessories & Options

Various Accessories can be easily adapted to the helmet:

- Ear muffs
- Visors
- Logo customisation
- Chinstraps
- Retro-reflective stickers
- Lamp brackets
- Neck curtains
- Winter liners, sweatbands, etc

Additional Information: please see the complete V-Gard accessory leaflet

