HIMAO



HEIGHT ADJUSTMENT



MOUNTAINEERING/INDUSTRY HELMET

Area of use*



Technical features

Ventilated protective helmet.
Polypropylene shell. EPP inner shell.
Harness with 4 fixing points.
Head circumference adjustement (53-63 cm).
Ratchet adjustment. Removable and washable foam.
4 fixing clip for accesories (ABS).
Side and front slits for accessories.
Delivered pre-assembled.
Supplied with chinstraps: JUGHIMA397 (EN 397) and JUGHIMA124 (EN 12492) used for mountaineering.
Weight: 419 g.
Packaging: carton of 10 pieces.
Subpackaging: individual polybag.

Advantages

> **Versatile** thanks to the 2 chinstraps provided (EN397 and EN12492).
> **Possibility to add several accessories** (4 hooks ABS + side and front slits).
> **Head circumference adjustement: 53-63 cm** (ratchet system adjustement + 2 side positions).
> **Comfort and ergonomics** (removable and washable foam: front, back and middle).
> **Solidity, shock absorption and internal ventilation** (polypropylen + EPP).
> **Available in several colors and in a unventilated version.**



Certification

This product complies with **European Regulation (EU) 2016/425** on Personal Protective Equipment (**PPE**). **Category II.**
Issued by **Alienor Certification**, notified body n°**2754**.

EN 397 (LD), EN 12492

Download the EU declaration of conformity on **http://docs.singer.fr**

(*) Example of use given as a guide only. The end user must check whether the product is suitable or not for the intended use.
Before any use, read carefully the instructions enclosed with the product. **Edition CL 27/06/2022 - © Singer® Safety.**

STANDARDS	
EN 397	Industrial safety helmet.
EN 50365	Electrically insulating helmets for use on low voltage installations.
EN 13087-1 to 10	Protective helmets: test methods.
EN 812	Industrial bump caps.
EN 14052	High performance industrial safety helmets.
EN 12492	Mountaineers helmets

EN 397 - INDUSTRIAL SAFETY HELMET	
Obligatory requirements	- Shock absorption - Penetration resistance - Flame-resistance - Chin-strap anchorage points - Release of the chinstrap (between 150 and 250 N)
Optional requirements	Optional additional requirements are applicable only when specifically demanded by the manufacturer of the helmet.

EN 12492 – MOUNTAINEERS HELMETS	
Obligatory requirements	- Shock absorption - Penetration resistance - Ventilation - Resistance of the chinstrap (500 N)
Optional requirements	Optional additional requirements are applicable only when specifically demanded by the manufacturer of the helmet.

EN 50365 - ELECTRICALLY INSULATING HELMETS



For staff working on or near energized parts facilities not exceeding 1000 V AC or 1500 V DC (Class 0). These equipments, combined with other protections, should avoid dangerous currents to cross through the head.

EN 812 - INDUSTRIAL BUMP CAPS

This standard specifies the physical and performance requirements, the testing methods and the marking requirements of the bump caps for industry. The bump caps for industry are intended to protect the wearer when he hits his head against hard and stationary objects with sufficient force to cause lacerations or other superficial injuries. They are not intended to protect from the efects of projections or the falling of suspended or moving objects or loads. One should not confuse the bump caps for industry with the protection helmets for industry specified in EN 397.

STANDARDS	
EN 352-1	Hearing protectors. Part 1: Ear-muffs.
EN 352-2	Hearing protectors. Part 2: Ear-plugs.
EN 352-3	Hearing protectors. Part 3: Ears-muffs mounted on helmet (EN 397).

DAILY MAXIMUM EXPOSURE TIME	
80 dB	8 hours
83 dB	4 hours
86 dB	2 hours
89 dB	1 hour
92 dB	30 minutes
95 dB	15 minutes
98 dB	7 minutes and 30 seconds

EN 352-1 - EARS-MUFFS

This standard specifies the requirements in field of construction, conception, performance and printing of ears-mufs as well as information for end-user. It stipulates particularly the acoustic fading of ears-muffs in conformity with the EN 24869-1. This standard does not apply to ear-mufs to be mounted on safety helmets or integrated to helmets.

EN 352-2 - EARS-PLUGS

This standard specifies the requirements in field of construction, conception, performance and printing of ears-plugs as well as information for end-user. It stipulates particularly the acoustic fading of ears-plugs in conformity with EN 24869-1 standard.

EN 352-3 - EARS-MUFFS MOUNTED ON HELMET

This standard specifies the requirements for the construction, conception, performance and printing of ears-mufs mounted on safety industrial helmets in conformity with EN 397 standard as wel l as information for end-user. It stipulates particularly the acoustic fading of ears-muffs mounted on industrial helmets in conformity with EN 24869-1. As a same ear-muff can be mounted on different models or sizes of industrial safety helmets, the current part of standard specifies many physics and acoustic requirement depending the models or the helmetsize ear-muffs are mounted on. Requirements apply totally to the basic combination, that is to say helmet and ear-mufs mounted on one model or on one of the specified size of helmets. Requirements apply partially only to the additional combination, that is to say ear-muffs of the same model but attached on other helmets or sizes than the specified ones.