

**In-mold climbing helmet, light weight mountaineering helmets**  
**AU-M01**

# Fashionable Climbing Helmet

the color of top PC shell and Bottom PC shell will up to you (≧▽≧)☺



CE Certificate  
Size:M/L(53-63)cm  
Weight:290g



ULTRA LIGHT



Website: <http://www.aurorasport.com>

**Detail description of climbing helmet:**

- Fashionable climbing helmet with CE EN 12492 certificate
- Imported EPS material and Eco-Friendly PC shell, with in mold technology.
- Top and bottom PC shell double in-mold technology
- The color of top PC shell and bottom PC shell will up to you
- Patent quick release system: When you want to get off the helmet, there is no need to slowly twist the dial. Just press the bottom in one finger then directly pull it towards the outside.

Model No.	AU-M01 <a href="#">climbing helmet</a>
External material	high toughness top PC shell + bottom PC shell
Inner material	high density EPS foam + soft inner pads
headband	PE Polythene
Lamp Carring System	External Nylon Lamp Clips
Color	pantone
Size/Head circumference	53-62cm
Weight	275 g
Vents	14 air ventilation
Technology	Double in-mold
Certification	CE EN 12492
Sample time	3-7 working day
MOQ	200 PCS
Packing detail	1.PP bag, PE bag, Blister card, color box and custom-design is welcomed. 2. Carton packing outside

***The detail pictures of climbing helmet:***

# Professional rock climbing helmet



AU-M02



### **DOUBLE IN-MOLD CONSTRUCTION**

It places impact-resistant EPS foam on the inside of the helmet which is then surrounded by a durable polycarbonate outer shell for strength and puncture resistance.







### **HEAD LOCK ADJUSTMENT**

Quick release heading system, made by Nylon material.



### **SOFT WASHABLE PADS**

Ergonomic interior padding for comfort and durability





### **PLASTIC CLIPS FOR LED HEADLAMP**

ABS material, very easy to hold the lamp.

## **Area of application mountaineering helmets:**

Rock climbing, Outdoor adventure, Sea rescue, Big wall climbing, Rescue and evacuation, Tree Care, Cave adventure, Civil defence etc...

### **Areas of application climbing helmets**



Rock climbing



Outdoor adventure



Sea rescue



Big wall climbing



Civil defence



AU-M01



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Rescue and evacuation



Caving

Also suitable for children...

## **Two styles, various colors**



Tree care

## ***The head circumference knowledge of mountaineering helmets:***

### **European Headform:**

An Oval shaped helmet is designed for a rider's head with a dimension which is considerably fit for Europeans.

### **Generic headform:**

A generic headform helmet is designed for a rider's head with a dimension which is slightly longer front-to-back than its side-to-side measurement.

### **Asian headform:**

A Round shaped helmet is designed for a rider's head with a dimension which is considerably fit for Asians.

# Helmet Shape 101



#### **European Headform**

An Oval shaped helmet is designed for a rider's head with a dimension which is considerably fit for Europeans.

#### **Generic headform**

A generic headform helmet is designed for a rider's head with a dimension which is slightly longer front-to-back than its side-to-side measurement.

#### **Asian headform**

A Round shaped helmet is designed for a rider's head with a dimension which is considerably fit for Asians.

## ***Our Test lab:***

In order to manufacture quality helmets, we learn not only from the design theory, but also make progress from testing result! That's why our factory equipped with professional testing lab to ensure every design is practical & amenable! Our testing standard is more strict than the related certificate requirements, that's why we can promise the model that we provide can definitely pass the corresponding test by third-party!



## Our In-house Testing Lab



### **Certification:**

Below is our certificate :we have ISO9001 ,letters patent ,CE documents ,and we have our own lab to make sure every our product can meet the testing requirements

# CERTIFICATE



## Our factory's profile:

Aurora Sports is a helmet manufacturer, with more than 15 years experience in producing all types of helmets. In-house design and R&D teams with established experience, allows Aurora Sports to quickly answer to demanding requirements and create from scratch whole programs and collections with rigorous quality standards.

## CUSTOMIZE FOR BRAND



*Logo style: Dome, Metal, UV-Dart sticker, Water decal.*



### ***The helmet production procedure is as below:***

silk screen → PC blister tooling → PC blister manufacture → Trimming dug hole → EPS raw material by different density → EPS in-mold tooling → helmet in-mold workshop → in-mold machines → in-mold tooling → in-mold producing process → semi-finished in-mold helmet → IQC inspection → helmet grinding → inner padding production → plastic injection workshop → assembly line → inside labeling → packing → warehouse → installed counters.



## Production Procedure



Silk screen



PC blister tooling



PC blister manufacture



Trimming dug hole



Eps raw material  
by different density



EPS in-mold tooling



Helmet in-mold workshop



In-mold machines



In-mold tooling



In-mold producing  
process



semi-finished In-mold  
helmet



IQC inspection



Helmet grinding



Inner padding production



Plastic injection  
workshop



Assembly line



Inside labeling



Packing



Warehouse



Installed counters

### ***The delivery express:***

International express, air freight & sea transportation are all can be well arranged here! You can pick every possible transportation that you want & we will do our best to assist you! We have already built a long-term relationship with different shipping companies & shipping agent, all our efforts aim at providing you the best shipping experience! Choose us, it will be easy to keep the helmets safe all the time!



# SHIPPING

