

**Super Plasma rock climbing helmet, tree climbing helmet  
complete with Black diamond helmet**

# HIGH QUALITY ROCK/TREE CLIMBING HELMET WITH CE APPROVED EYES SHIELD.



**EN166 EN174**



CE Certificated  
Color: Clear  
Weight: 65g



<http://www.helmetsupplier.com>



### ***Detail description of rock climbing helmet:***

Model No.	AU-M02 <a href="#">Rock climbing Helmet</a>
External material	ABS/PP shell
Inner material	high density EPS foam + soft inner pads
headband	PE Polythene
Lamp Carring System	External Nylon 6.6 Lamp Clips
Earmuff	30-35db NRR hearing protector
Face mask	PC plastic visor/ PC plastic goggle/ iron mesh
Color	red, yellow, blue,green,orange,black,white,pink
Size/Head circumference	51-62cm
Weight	407 g (ear muffs and eyes shield are not included)
Vents	10 air ventilation with aluminum/ nylon mesh
Technology	Injection
Certification	CE EN 12492 / EN397
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

### ***Rock Climbing Helmet accessories available:***

1) Safety climbing helmet with LED light: headlamp 3AAA led light.

2) Safety climbing helmet with ear protection and mesh faceshield:

The durable shell of earmuff is made out of high impact resistant ABS material.The extra soft ear cushions provide you maximum seal, comfort and complete hearing protection.It is suitable for people who work in the high noisy workplace.

3) Safety climbing helmet with plastic visor:

- New visor mounting system is made of polycarbonate and allows two positions : UP-on top of the helmet and Down-working position.
- Polycarbonate construction eliminates oxidation and loss of the traditional mounting screws.
- Expanded face-surface protection
- Equipped with a protective film to be removed before use.
- Certified CE EN166, anti-fog, anti-scratched.





## SAFETY HELMET



## Helmet accessories available

Safety helmet with LED light.

AU-M02    white  
             Red  
             Yellow  
             Orange  
             Blue  
             Green  
             black  
Led light    headlamp led light



Safety helmet with ear protection and mesh faceshield

AU-M02    white  
             Red  
             Yellow  
             Orange  
             Blue  
             Green  
             black  
earmuff    good sound insulation  
faceshield iron mesh



Safety helmet with plastic visor  
The set is compatible with our special visor and earmuff.

AU-M02    white  
             Red  
             Yellow  
             Orange  
             Blue  
             Green  
             black  
Visor       plastic with eye protection  
earmuff    good sound insulation



*The detail pictures of tree climbing helmet:*



## QUICK-RELEASE RATCHET ADJUSTER

New and proprietary Up-N-Down size adjustment system provides the most precise and comfortable fit.



### **COMFORTABLE RAPID ABSORPTION ANTIBACTERIAL POLYESTER INNER PADS**

Polyester provides greater freshness, odor elimination, integrity and preservation of material, and reduction of washing frequency.



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

ABS material, very easy to hold the lamp.

## ***Area of application climbing 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



AU-M02



Rescue and evacuation



Caving

Also suitable for children...

**Two styles, various colors**



Tree care

## ***The head circumference knowledge of rock climbing helmet:***

### **European Headform:**

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

### **Generic headform:c**

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!



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