

# **Super lightweight In-mold technology PC+EPS+EVA water sports Helmet for head protection**

## **The advantages of water sports helmet:**

- well-ventilated, Aero shaped design.
- High-strength PC shell, protection would be sharply increased.
- High density gray EPS material, light weight, Shock resistance,provide reliable protection .
- PA webbing, washable pads.
- Moisture wicking Soft Lining Pads that can be removed and cleaned .

## **The specification of water sports helmet:**

Model No.	AU-K009
Material	EVA foam & EPS foam & PC shell
Certification	CE EN1385
Vents	12 air vents
Color	Pantone, customized
size/head circumference	S/M:52-58CM
Weight	340g
Sample Time	7 days
MOQ	300pcs
Package details	PP bag+individual color box packing+mastercarton

## **The detail pictures of AU-K009 helmets:**













## ***The head circumference knowledge of water sports 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:**

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

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## 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



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

*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 → □□ □□ → inside labeling → □□ → □□ → 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

