

## Removable and washable padding for road bicycle helmet

EVA foam is closed cell foam made from Ethylene Vinyl Acetate and blended copolymers. It has a high level of chemical cross linking. The result is semi-rigid product with a fine uniform cell structure that is suitable for use in a wide variety of situations and applications. Benefits of EVA Foam include;

1. Impact and vibration absorption
2. Weather and chemical resistance including splash resistance to oils and fuels
3. Acoustic and thermal insulation properties
4. Buoyancy with low water absorption
5. Suitability for thermo-forming and thermo-moulding









### **Advantages of our paddings:**

'-Removable and washable anallergic padding made of 3D open mesh, ensures maximum comfort and wicks away sweat fast. Other options like Anti-insect net & Cool max® padding can be acceptable.

'-Moisture-Wicking Pads Keep Rider's Head Dry

Interior features significantly affect a helmet's comfort. All our pads absorb moisture and are anti-allergenic. Hook and loop fasteners allow easy removal for washing.

### **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





## 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!

