



REEVU HELMET – Technical data

SAFETY

Maximum protection and safety are REEVU helmets main requirements; shields are projected and manufactured with extremely evolved materials.

“APC” is exclusive technology to Reevu.

IMPACT RESISTANCE, DIFFERENT SHIELDS / PADS

REEVU helmets are manufactured with 2 internal liners 1 crumple zone absorption part, and external tri composite carbon shell. For the different sizes: the inner padding has different thicknesses for all the sizes, which can be adjusted with accessory parts to add the bespoke fit, to add comfort and better impact properties.

HOMOLOGATION

REEVU helmets surpasses **most** International standards and the main **United Nations** homologation UN ECE-22-05. This homologation involves extremely severe safety tests. The helmet is submitted at flexibility and bump resistance tests, simulating different impacts at different speeds. Power and length of the impact are measured, even at -20° and +50°, or in wet conditions and after extended UV ray exposure.

OPTICS

The internal optic array is made from bullet proof material and acts under impact as a crumple zone.

COMFORT

Each REEVU helmet manufactured **is hand assembled** with perfectly integrated spare parts and special “hypo allergenic” padding. This offers the wearer substantial softness for high quality comfort.

In order to prevent dampness inside the helmet, a material covering is used that is able to absorb and expel perspiration. The fabric gives a pleasurable feeling, and is easily replaced and washable.

VENTILATION

Effective internal ventilation is fundamental for comfort and safety. Riding in maximum comfort feeling relaxed allows the wearer to give all the attention to the street. REEVU helmets are equipped with a ventilation system projected and tested; air will come in across front positioned slots above and below the visor, moves along many pipes and holes, and comes out across rear slots positioned nearby the rear glass. The rider’s head is kept fresh and dry, even in torrid climate.

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LOW NOISE

A major factor in the design of the helmet was to deliver a low noise solution to the many throbbing ear drums of motorbike helmet wearers. The unique design through wind tunnel testing has now prevailed to achieve that goal.

APC MATERIALS

- Ultra light shield, in composite materials, manufactured with evolved **APC** technology, allowing complex shape tri composite shells, capable to spread Impact load across the helmet surface. The shell is composed by carbon / fiberglass, and synthetic hi-tenacity advanced fiber, tied up from high-lengthening vinylester.
- Internal shells are made in dual density EPS, very light with a high coefficient of bump absorption, creating a structure with different density in order to have more impact distribution.
- Polycarbonate ventilation slots, that together with the channeling on the inside shell, allow the air flow inside the helmet.
- Polycarbonate injected visor with high optical quality and easy refit.
- Completely removable and washable lining, for perfect comfort and cleanliness.
- Adjustable quick release retention system.

APC is the high performance technology used for external shields. **APC** is Advanced Performance Composite, with three main characteristic:

Strengthen layer composition

One of the peculiarities of APC is the shaping process. Generally a fiber helmet obtains its stability thanks to fiber material, soaked with combined materials (as fiberglass) and heat hardened. The stability of the helmets depends on the quality of the materials and on the mutual affinity of them. APC allows to create an organic fiber structure, which is three dimensional formed, creating a lighter shield with more stability, containing no superfluous material accumulation and no rejection during the shaping process.

Layer material

APC shield is composed by carbon material, warmth hardened, fiberglass layer and other organic fibers. Different light organic fibers are applied in appropriate positions, following characteristics and design of the shell. APC helmet has more lightness and flexibility, and the same stability.

QUALITY

REEVU helmet is manufactured with the most developed technology and hand made constructed assembly. All the production units are submitted to severe quality control. The helmets are submitted to computerized test of bump absorption and material density. Obviously all the helmets are also visually Q, A, checked, in order to grant a top quality level of painting and World class quality. REEVU helmets are manufactured at our factories, with ISO 9001/2000 certification (cert. SQ02923).