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Not Rated Yet



Sales price 219,00 €

Salesprice with discount
Incl. VAT 21%: 38,01 €



Description

Hardshell Squall – effective protection against rain and snow

The Squall Jacket complements the Helikon-Tex offer with the most modern outer layer. What is the difference between softshell and hardshell? A softshell jacket (e.g. Blizzard Jacket) is a soft layer that protects against light wind and drizzle, mainly due to the DWR impregnation.

Hardshell is a stronger layer that is supposed to provide much better water resistance while maintaining good breathability. Both of these parameters are combined in the Squall Jacket.

Features of the membrane in the Squall Jacket

Waterproof and breathable at the same time is ensured by TorrentStretch – a 3L (three-layer) laminate developed by the Helikon-Tex specialists. Between the stronger outer layer and the integrated lining is a microporous membrane. Their dimensions stop water from penetrating inside the jacket. At the same time, they are large enough to effectively remove moisture (in the form of water vapor) generated by the body to the outside. Three layers



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laminated together form the TorrentStretch membrane. Hardshell Squall is a membrane jacket with very good waterproof parameters: 30,000 mm of the water column.

The key feature – water resistance

The design takes care of all the details appreciated by hardshell users. The Squall is a full-fledged rain jacket with taped seams and a two-way adjustable hood with a high collar. Additional protection against moisture is provided by waterproof YKK® AquaGuard® zippers, of which the main zipper is two-way and secured at the bottom with a Prym snap. The Squall Hardshell Jacket has been covered with a DWR (Durable Water Repellent) hydrophobic coating, free of harmful PFC (perfluorocarbons).

How a jacket provides breathability

The basis of a good hardshell is water resistance and the transference of water vapor from the body. The TorrentStretch membrane with a breathability of 30,000 g/m²/24h, is responsible for both. Another parameter worth paying attention to when choosing a hardshell jacket is the RET evaporative resistance coefficient. In this way, the permeability of water vapor through the membrane, i.e. breathability, is determined. The lower the RET factor, the less resistance, so the jacket breathes better. The best quality is in the 0-6 RET range, and the Squall Hardshell has <5 RET, which is very good.

Proven ways for better ventilation

Underarm vents add breathability. They provide better ventilation and, if necessary, help regulate body temperature. Same with adjustable cuffs fastened with hook & loop, and welts: two in the hood, one sewn to the bottom of the jacket. With so many options to adjust the fit of the jacket to the body, you can easily adapt it to the weather conditions. The jacket is equipped with solid stoppers from Woojin.

Practical solutions for any weather

Hardshell Squall has been designed so that in winter an additional warming layer can be placed under it (e.g. Wolfhound Hoodie Jacket). Because of that the hardshell will work as an independent jacket in the spring and as an outer layer for winter expeditions. It has three pockets, two of which are lowered compared to the men's model to improve comfort. The third pocket is placed inside for documents or a phone. The hook & loop on the left shoulder will facilitate personalization. In addition, the Squall Jacket takes up little space when folded. Rolled up it fits into its hood.

How to care for a jacket with a membrane

Technologically advanced products require special care to serve as long as possible. The membrane jacket should be maintained according to the instructions so that it does not lose its waterproof and breathability parameters. To strengthen them, it is worth systematically renewing the hydrophobic cover with DWR impregnant.

What to wear under a hardshell

To be able to take full advantage of the features of the Squall Hardshell Jacket, you should wear clothing made of technical materials under it, supporting the free transport of moisture. In this way, the water vapor from the body gets out of the jacket efficiently and effectively.

Squall Hardshell Jacket obtained quality certificates:

BlueSign® – the BlueSign® system excludes substances harmful to the environment from the beginning of the production process. Thanks to this,



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it is possible to guarantee safer and greener production, higher standards concerning the use of resources, consumer protection, emissions to water and air, and occupational safety.

Oeko-Tex® standard 100 – a certificate confirming the quality of textile and textile products in contact with human skin. The product is tested for the presence of the hundred most dangerous substances threatening consumers. Factors such as resistance to sweat, saliva, and foreign odors are also assessed.

Features

- 3L (three-layer) TorrentStretch membrane,
- water resistance at the level of 30,000 mm of the water column,
- breathability at the level of 30,000 g/m²/24h,
- evaporative resistance coefficient RET <5,
- YKK® AquaGuard® waterproof zippers,
- DWR PFC Free impregnation,
- taped seams.

Weight [g]

651

Material

Main: 100% Nylon, Lining: 100% Nylon,
Membrane: 100% Polyurethane

Grammage [g/m²]

135

Washing principles



Size chart

Tolerance for the dimensions given in the table is +/- 2 cm (applies only



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to clothing).

SIZE (CM)	XS	S	M	L	XL	XXL	XXXL	XXXXL
1/2 Chest	54	57	60	63	66	69	72	75
1/2 Bottom	47	50	53	56	59	62	65	68
Front	72,5	74	75,5	77	78,5	80	81,5	83
Sleeve	85,5	86,5	87,5	88,5	89,5	90,5	91,5	92,5



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