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EDELRID SISKIN: the Lightest Single Rope in the World

Ultralight high-end rope for the toughest sport climbing routes

In launching the SISKIN Eco Dry, EDELRID presents the lightest single rope in the world at present. The high-end rope weighs as little as 48 grams per meter, ranking it among a handful of ropes on the market that fall below the 50-gram threshold. This makes the ultralight SISKIN the perfect partner when climbing the toughest projects or onsight climbing at the limit.



The creation of the SISKIN was a lengthy process that involved the use of EDELRID's concentrated expertise and a great deal of development work. The team from the Allgäu designed and tested more than eleven times as many prototypes for this lightweight rope as when developing a classic climbing rope. "When it comes to complex developments like the SISKIN, having our own rope factory at our site in Isny is naturally an immense advantage as this allows us to experiment and perfect the processes until the rope finally features the target properties we set

for ourselves", states Bernd Brinkhaus, Teamlead Product Management at EDELRID.

The ultralight weight makes the SISKIN the perfect rope for the toughest climbs where every gram counts. Even on longer routes, the rope is barely noticeable and can be effortlessly clipped. What's more, the robust sheath structure enables top handling and

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provides comparatively high abrasion resistance for the diameter of 8.6 mm. The PFC and PFAS-free Eco Dry finish makes the high-end rope permanently water repellent and dirt resistant. Thanks to its triple rating as a single, half, and twin rope, the SISKIN is suitable for versatile use and not only impresses when sport climbing at the highest level but also during alpine tours and when ice climbing, where it can be used in a single, double, or twin strand depending on the situation.

EDELRID ranks the SISKIN Eco Dry alongside products such as the LOOPO AIR climbing harness (46 g), the NINETEEN G standard carabiner (19 g), the Nineteen G quickdraw set (46 g), the SKIMMER Eco Dry 7.1 mm half rope (36 g/m), and the CABLE KIT ULTRALIGHT via ferrata lanyard (299 g) in the growing range of the lightest products on the market at present.

[Download product images in 300 dpi](#)

Technical details

- Lightest single rope on the market
- Particularly ideal for projects where every gram counts
- Robust sheath structure for top handling and outstanding abrasion resistance
- Permanently water repellent and dirt resistant thanks to the PFC and PFAS-free Eco Dry finish
- Water absorption of < 2% far lower than required by the UIAA Water Repellent Test
- Thermo Shield treatment for pleasant handling
- 3D lap coiling enables instant use without tangles
- Triple certification for additional use as a half and twin rope
- Weight per meter: 48 g/m
- Diameter: 8.6 mm
- Colors: neon green (499) and icemint (329)

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About EDELRID:

Since its establishment in 1863, EDELRID has developed into a leading manufacturer of personal protective equipment (PPE), especially ropes and climbing equipment. EDELRID products are developed for mountaineering and climbing. Furthermore, EDELRID climbing equipment is used for professional purposes, for example for work safety, industrial climbing, tree care, mountain rescues, and rescues from heights. The company is particularly characterized by outstanding innovation and its focus on sustainability. EDELRID specializes in the development and production of ropes, and brought the first bluesign® certified ropes to the market. All product development activities take place at the head office in the German town of Isny im Allgäu, where 60 percent of all products (including 100 percent of ropes) are produced. This guarantees not only exceptional quality and functionality, but also ongoing innovation. The renowned climbing shoe brand Red Chili has been part of EDELRID's product portfolio since 2017. Since 2022, the EDELRID Group has also included avalanche backpack manufacturer ABS Sports + Protection GmbH & Co. KG.