

Information for immediate publication

## **EDELRID NEO 100 3R: a Rope Made From 100% Recycled Materials**

**The first dynamic climbing rope to be completely made from recycled materials, obtained by EDELRID by specially setting aside waste from its own rope production facilities**

**For the first time ever, an entire rope, i.e. the core and sheath, has been made from 100% recycled materials – the NEO 100 3R. The idea is to completely close the materials cycle and obtain all materials from the rope residues generated by EDELRID’s in-house rope factory in Isny. New processing techniques and, above all, the combination of mechanically and chemically recycled materials have made it possible to increase the recycled content of the rope to 100% without having to compromise on quality. As a result, the NEO 100 3R has the lowest carbon footprint of any single rope in the EDELRID range, making it a genuine alternative for anyone who wants to join the Allgäu company in helping make climbing more responsible.**

The NEO 100 3R is the right choice for those who want to reduce their ecological footprint, even with regard to their climbing equipment. A new process has made it possible to increase the recycled content to 100% through the use of pre-consumer recycled materials obtained from the high-quality, single-origin rope and yarn residues from the in-house production processes. The high demand for the predecessor model, the

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NEO 3R, with its 50% recycled material content showed EDELRID that the climbing community is interested in responsible products. Previously though, it was not feasible to mass manufacture a climbing rope made from 100% recycled material at a realistic price.

“By combining chemical and physical recycling methods and using special processing techniques when spinning the material, we’ve now succeeded in producing a fully recycled climbing rope that is also commercially viable,” states Bernd Brinkhaus, Teamlead Product Management from EDELRID. “In the life cycle assessment (LCA) for ropes, the predecessor already achieved far better results with regard to its carbon impact than conventional climbing ropes. The new, 100% recycled NEO 100 3R further exceeds these results and significantly reduces the impact on the environment and the climate.”

The NEO 100 3R has a diameter of 9.6 mm and promises the usual pleasant handling expected of EDELRID ropes thanks to the Thermo Shield treatment. 3D lap coiling furthermore enables the rope’s instant use without tangles.

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[Download product images in 300 dpi](#)

### **Technical details**

- Single rope made from 100% recycled materials (3R).
- Reduced ecological footprint through the use of high-quality yarn and rope residues from our production facilities for the recycling process
- Thermo Shield treatment for pleasant handling
- 3D lap coiling enables instant use without tangles
- Weight per meter: 59 g/m
- Diameter: 9.6 mm
- Color: lavender (085)

#### **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.