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## **HONEYWELL SPECTRA® DOUBLES FABRIC STRENGTH OF RUGGED PACKS**

*Alpine pack manufacturer CiloGear redesigns its packs with Spectra fiber creating more durable, lightweight gear for outdoor enthusiasts*

**MORRIS PLAINS, N.J., Jan. 29, 2019**—Honeywell announced today its partnership with [CiloGear](#), a rugged pack manufacturer, to develop ripstop fabric. Nearly all of CiloGear's pack designs will now incorporate Honeywell Spectra® fiber – the same fiber used in protective vests for law enforcement – to give mountain athletes unparalleled durability and abrasion resistance.

Spectra integration in this cutting-edge fabric nearly doubles the packs' tear strength, increasing longevity while reducing overall weight. Ripstop fabrics are materials woven using a special reinforcement technique to enable resistance against tears and rips. Traditionally outdoor backpacks used a single strand ripstop, now CiloGear's Spectra Quad introduces a quad weave of Spectra fiber, almost doubling the tear resistance.

Since 2006, CiloGear has designed and built innovative bags for extreme alpine conditions and led the development of the most renowned fabrics for the mountain world. As the market leader in alpine packs, CiloGear sought across the board improvement in packs' strength, lifespan, weatherproof coatings and environmental cost. Cutting-edge fabric incorporating Spectra fiber replaced legacy fabric in the packs' back and side panels. After over a year of mountain testing, CiloGear confirmed test results of substantially enhanced performance, all at a lighter weight.

"We chose to work with Spectra as our development partner because of the team's proven ability to deliver and push conventional boundaries to innovate a better overall product with us," said Graham Williams, founder and lead designer at CiloGear "Our new quad weave fabric sets the new standard for weight, strength and durability without sacrificing our environmental requirements."

In addition to its superior quality, Spectra also provided CiloGear with a partner who met their textile production standards. The Spectra Quad fabric was manufactured using entirely Bluesign-compliant



systems, enabling the production of a more environmentally friendly, sustainable product that didn't compromise quality.

"CiloGear is widely recognized as making some of the world's best alpine climbing packs, and we're similarly dedicated to making the best fiber," said Gregory Norton, Business Director, Industrials- Packing & Composites at Honeywell. "This opportunity to help an already established brand set a new standard within their industry was a unique challenge that we welcomed to expand the uses of Spectra."

The revamped packs are available for purchase at [www.cilogear.com](http://www.cilogear.com) and through specialty retailers in Norway, Italy, France and Japan

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Honeywell maintains an active Spectra fiber and ballistic materials research program focused on continuous improvement and development of high-performance materials. For more information about Spectra fiber, visit [www.honeywell-spectra.com](http://www.honeywell-spectra.com). <https://www.spectra-fiber.com/>

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