

## ***Press Release***

***2nd July 2019, Porcher Industries, Badinères***

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### **Thermoplastic Insoles and Highly Durable Tent Fabric launched by Porcher Sport at Outdoor by ISPO 2019**

Porcher Sport (B6, booth 409), the Sports and Leisure Division of Porcher Industries and the world leader in high performance fabrics for aerial and nautical sports has unveiled new innovations for the outdoor equipment and apparel sectors at Outdoor by ISPO 2019 in Munich this week.

Innovations range as wide as new thermoplastic insoles for customised footwear to a new highly durable tent fabric.

#### **Highly durable tent fabric weighing only 41gsm**

Porcher Sport plans to disrupt the backpacking tent market with its newly developed 20 denier tent fabric, weighing only 41 gsm. This fabric is slightly lighter, but significantly stronger and more durable than existing high-quality materials on the market. Through continuous R&D, Porcher Sport has improved the performance of its tent fabric by increasing the tear strength. The ripstop material is coated on both sides with two layers of silicone creating a reinforced, waterproof fabric that is lightweight, tear-resistant and highly durable. As a result, Porcher Sport guarantees customers will be able to enjoy their tent for a minimum of 10 years. The novel tent fabric will be available in 2020.

#### **Low temperature thermoplastic materials**

Porcher Sport will also present its innovative thermoplastic insoles for footwear. The insoles are an example of Porcher Sport's new lightweight composite materials that are thermoformable at low temperatures whilst providing a high level of stiffness. Other applications include shin guards, splints, ski pole grips, cycling frames and saddles. The new insole is thermoformable at 80°C and becomes extremely pliable when immersed in boiling water, in order to form to the shape of the shoe it's being used in, for a highly customised fit. The lightweight product offers advanced comfort and is ideal for hiking, skiing and other rugged outdoor activities.

### **Sustainable ultra-light fabric for award winning jacket**

Berg Outdoor's GERES Zero Gravity down jacket represents the latest trends for sustainable produce in the outdoor sector since it is made out of second grade waste of ultra-light parachute fabrics and other recycled components. The top layer of the jacket uses Porcher Sport's recycled ultra-lightweight parachute fabric that has been treated with an in-house formulated PU coating that is both water repellent and designed to resist the harshest of conditions. Grade B sections of parachute material were recycled rather than scrapped and were specifically chosen for their extreme tear resistance and foldable, light weight attributes. The jacket received a Gold Award for Innovation at the ISPO 2019 show in February 2019.

### **Super lightweight 21gsm**

Porcher Sport, known for its Skytex 27 - the lightest paragliding material in the world weighing just 27gsm – has recently launched Skytex 21, a significantly lighter fabric that made its first flight at the recent Red Bull X-Alps race. Skytex 21 will be available from 2020 and will make a huge difference in an extreme sport where every gram delivers a very significant advantage.

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### **About Porcher Industries.**

As a major actor in high performance technical textiles and composites, Porcher Industries is active in five key markets: Aerospace and Defense, Automotive, Building, Industrial and Electronics, Sport and Leisure. Present in Europe, China, the United States, Brazil and Russia, the group employs 2,250 staff and has a turnover of 320 M€.