

**Press Release**

**6th May 2019, Porcher Industries, Badinères**

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**Porcher Industries to present technical textile and thermoplastic innovations at Techtexsil 2019**

Porcher Industries, a leader in technical textiles and thermoplastic composite solutions with a global platform delivering unique chemistries, technologies and innovations will assemble a talented team of professionals to present its latest innovations at Techtexsil 2019, Booth H61, hall 3.1, from 14 to 17 May in Frankfurt, Germany.

Innovations on display will include the latest thermoplastic 5G radome technology developed in cooperation with Meggitt, the award winning non-combustible FLAMLINÉ fabric as well as a recycled ultra-lightweight fabric for the Outdoor Sports Apparel market.

**A new SATCOM radome for in-flight 5G communications**

Porcher Industries has worked with Meggitt, a leading international company specializing in advanced components and sub-systems for the aerospace, defense and energy markets, on the development of a new SATCOM radome to support the demand for enhanced 5G communication for in-flight connectivity. Porcher Industries has developed a bespoke glass reinforced thermoplastic material for the base structural component. This composite material solution delivers high impact resistance and efficient processing whilst also providing the ability to tune the Dielectric Constant (Dk) for optimizing 5G Air-to-Ground transmission. Porcher Industries' latest radome material technology can also be applied in other markets such as Mobile Telecommunications and Big Data Wireless Networks, enhancing the development of lighter, higher-performing and longer lasting antenna enclosures.

**FLAMLINÉ – Excellent Product Design Award 2019**

Displayed on the Porcher Industries' stand will be the award-winning product FLAMLINÉ. This non-combustible glass fabric combines a high level of fire safety with creative design. It is intended for various indoor public spaces such as cinemas, theatres and hospitals, as acoustic wall panels or sunscreens, as well as for transportation including cruise-ships, trains and buses. Available in different weave patterns and numerous colours, FLAMLINÉ was, earlier this year, announced as the

winner of the Excellent Product Design Award in the Materials & Surfaces Category at the German Design Awards 2019.

### **Recycled light weight fabrics for the Outdoor Sports Apparel market**

Porcher Sports, the Sports and Leisure Division of Porcher Industries has developed a recycled ultra-light fabric for its customer Berg Outdoor.

Berg Outdoor's Zero Gravity Down Jacket is made out of 2nd grade waste parachute fabric and other recycled components. The top layer of the jacket uses Porcher Sport's recycled ultra-light weight parachute fabric that has been treated with an in-house formulated coating which is both water repellent and designed to resist the harshest of conditions. Grade B sections of the parachute material are recycled rather than scrapped and were specifically chosen for its extreme tear resistance, and its foldable, easily packable, light weight attributes.

This waterproof, highly insulated yet light weight outdoor jacket represents the latest trends for sustainable produce in the outdoor sector and was announced as the ISPO Awards 2019 Gold Winner within the Outdoor category.

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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€.