

## CompPair expands its HealTech™ Standard product family with launch of swift prepreg line

CompPair has expanded its product family, HealTech™ Standard, to include a new system. The new product, CS02, is a swift line reducing the cycle time to 50 minutes. The launch opens new market opportunities for sports, leisure, and industrial applications.

CompPair is introducing CS02, the new swift prepreg line to offer reduced cycle time for a press process while maintaining embedded healing. This line offers an industry-leading fast initial cure cycle of 50 minutes at 170°C followed by post-cure cycles.

CS02 has been tailored to enable faster production manufacturing for the sports, leisure, and industrial sectors. It is targeted at press applications but can also be used out-of-autoclave (OOA) and in autoclave (a process database is available upon request).

Robin Trigueira, CTO, and co-founder of CompPair, states: “CompPair’s strength is to respond to market needs with our innovative technology and know-how. We have engineered this composite system to support market requests for a reduced cycle time prepreg with the same extended lifetime thanks to healing.”

The company has validated the healing, bending, and tensile properties of this composite system with its internal standards. It provides additional benefits to composite structures such as improved damping, low porosities, extended fatigue life, and impact resistance.

Sustainability lives at the heart of CompPair’s activities: building high-performance composites that are designed to be repaired. By focusing on waste prevention and reduction, the Swiss company believes in enabling the manufacture of high-quality composite structures with a significantly extended lifetime. Along these lines, CompPair acts on all levels to have a low environmental footprint, including the resin’s chemistry, lifetime extension, sustainable fibre use, and improved end-of-life management.

CompPair supplies a range of fibres including carbon and glass, as well as special textiles, including sustainable and recycled fibres. CS02 can be requested for first assessments with various glass and carbon fibres, as well as custom reinforcements.

### **About CompPair Technologies Ltd.**

CompPair is a world-class composite expert, providing the first healable and sustainable composite material, a ground-breaking innovation in the field of self-healing composites. Made with CompPair’s material, their first product family being HealTech™ Standard, composite structures can heal

damage on site in 1 minute and be better recycled. CompPair provides manufacturers with cutting-edge materials compatible with standard production processes. HealTech™'s value proposition is a 99% repair time reduction and significantly lower CO<sub>2</sub> emissions. CompPair tackles composite limitations and leads a paradigm change for the industry.

HealTech™ Standard, CompPair's first product family now includes two product lines. The first, CS01, is a standard prepreg line with increased toughness and embedded healing. The second line is a reduced cycle time prepreg bringing the same healing ability to composite structures.

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