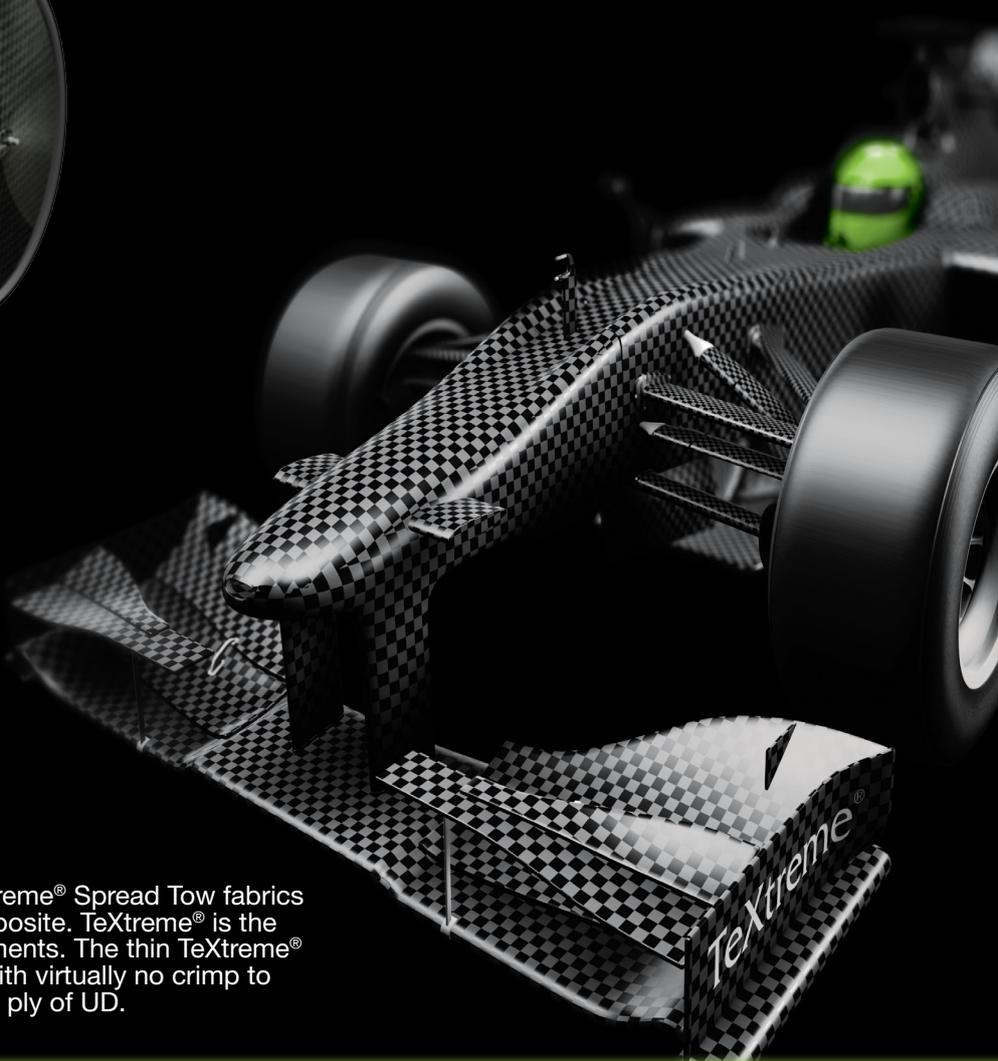


TeXtreme®

Spread Tow Fabrics for ultra light composites

**Reinforcement solutions
optimized for your needs**



Compared to use of conventional fabrics, TeXtreme® Spread Tow fabrics enables weight reductions of 20 % of the composite. TeXtreme® is the market leader in Spread Tow carbon reinforcements. The thin TeXtreme® Spread Tow tapes are used to weave fabrics with virtually no crimp to realize mechanical properties similar to a cross ply of UD.

TeXtreme® carbon fabrics (Spread Tow)



Conventional carbon fabrics (Regular tow)



1 The Spread Tow structure makes it possible to achieve thinner laminates.

2 Straighter fibers with reduced crimp optimize and strengthen the composite.

3 Lower crimp reduce the amount of excess plastic, thereby minimizing weight.

TeXtreme® Spread Tow reinforcements are the ultimate choice for making an ultra light composite with unprecedented performance. Use of TeXtreme® enables design of a reinforcement solution tailored for a given application.

Reduced weight and improved performance

Increased fiber content and straight fiber structure provides a composite that outperforms conventional carbon fabrics at any given weight.

Enhanced surface smoothness

Superior surface smoothness is achieved due to fewer interlacing points, increased fiber floats and less crimp in the fabric structure.

Optimized reinforcement solutions

TeXtreme® Technology enables production of optimized reinforcement solutions designed and calculated for the specific performance needed from the composite. We make sure the solution is realized into full scale production.

Technical story of TeXtreme®

Opportunity to make use of the technical story to explain why a product using TeXtreme® is technically better. Connect the unique look, the unprecedented performance and associations to other high-end applications, like F1, to give the product a premium label that will leverage the communication and help boost sales.

Manufacturing cost savings

TeXtreme® offers possibilities for savings on the total production cost of the composite. Reduce machine, labour and material costs benefitting from better surface smoothness, faster layup sequence and less plies due to the symmetrical structure of TeXtreme®.

www.textreme.com

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