GLOBAL LEADERS IN CREATIVE COMPOSITES
“Hypetex creates innovative design and engineering solutions by applying knowledge and expertise gained in Formula One racing”
Hypetex is an award-winning engineering and design consultancy, which created the world’s first coloured carbon fibre brand.

About
We’re passionate about providing solutions and advice on the use of carbon fibre composites and have won awards for our innovative concepts. Our dedicated engineers have spent more than 20 years refining materials for optimum performance in Formula One racing and are now applying that experience and knowledge to our clients’ projects.

Growth
Hypetex has evolved from a company with disruptive technology to one that is making waves in the composite business as an industry leader using our game changing innovations.

By understanding our customers’ needs and expectations, as well as using our technical ability and commitment, we have extended our business profile to offer a complete end-to-end suite of services for companies that wish to design, create and produce products using composite technology.

Leading brands, including Adidas, Jaguar Land Rover and Aston Martin, have engaged our services to enable them to work on delivering solutions to their own clients.

Awards
The quality and dedication of our technicians and engineers, as well as our market position as an industry innovator, has helped us gain recognition. As a result of our work to solve issues in the composites business over the last year, the UK government has awarded us three matched funding grants to carry out groundbreaking projects.

In addition, Hypetex has received a number of awards for its innovative projects, including the Red Dot Design Award for the Halo chair and the CES Innovation Award for the Wilson Benesch Speaker in Blue Carbon Fibre.
We provide a bespoke engineering consultancy, as well as design and development services that focus on delivering quality products at target prices. This can be achieved either through low volume production runs for technically challenging products or higher size orders that are delivered via our extended global networks for quality product producers, which are also capable of up-scaling solutions for large directives.

We offer insights into the practical application and capabilities of composite materials by applying the skills and knowledge we gained as Formula One engineers.
Hypetex is an award-winning design consultancy

By utilising our world-class design expertise we have created innovative and exceptional design concepts. Our clients benefit from our unique ability to design highly practical and aesthetically pleasing products that open up new possibilities that were previously thought impossible.

As a revolutionary coloured carbon fibre brand, Hypetex, demonstrates an elite proficiency in producing ground-breaking design solutions and it itself enables brands the world over to rethink how they conceptualise their products.

Hypetex produced products such as the Halo chair and Wilson Benesch Speaker have won numerous plaudits including the Red Dot Design Award and CES Innovation Award.
Achieving what was previously thought impossible, Hypetex redefines how industries can conceptualise and design their products. From automotive and aerospace manufacturers to the world of luxury goods and beyond, this material changes the way we can think about design.

Hypetex is the result of seven years of research and is the world’s first coloured carbon fibre product. It comes in a range of shades, can be moulded into complex shapes and forms and has an array of optional finishes.

Hypetex material

Drawing on our extensive expertise as Formula One engineers, we created the revolutionary Hypetex material, a light, bright, bold and strong carbon fibre composite that has opened up opportunities for this high performance material.

The carbon fibre market currently produces 44,000 tonnes of material each year, and this is growing rapidly. With Hypetex, a new world of possibilities for composites has opened up.
Our focus is on providing material solutions for design ideas. We work closely with design teams during development to provide support and solutions. A recent project involved creating an ultra-lightweight, collapsible and portable carbon fibre frame for the huge backdrop of screens on U2’s Joshua Tree tour.

Material solutions
- Coloured Carbon fabrics: Hypetex’s patented colourisation process brings out texture of weave whilst maintaining performance characteristics.
- Variety of reinforcement fibres, like glass, carbon and aramid with bespoke weave solutions.
- Traditional fabric constructions such as plain weave, twill and satin patterns. Bespoke solutions are also available with company logos or branding.
- Different fibre modules and tow thickness (1k-12k).
- Pre-stacked materials for easier processing.
- Stabilisation processes for carbon fibre products; binder application offers more stability and improved characteristics for subsequent processing.
- Spread tow fabrics: reducing tow thickness and improving filament regularity, combined with fewer interlacing points offering better transition of material properties.
- Material comes in blue, red, silver, and gold carbon fibre, as well as several other popular colours that offer creative freedom to our clients’ solutions.

Resin solutions
- Thermoset systems including polyester, vinylester and epoxy, depending on the product requirements and processing needs.
- Thermoplastic systems including TPU and PA6, PA6.6. These systems just need to be heated above the melt temperature and subsequently moulded into parts within short cycle times.
Our extensive knowledge of the composites sector means we are able to offer our clients unique insights as part of our engineering and design consultancy services. Current clients include:

Zaha Hadid  Wilson benesch  

Mercedes-Benz  Jaguar  Land Rover  

Aston Martin  Globe Trotter  

adidas  Nike  Asics  McLaren
From the New York Times to the Financial Times, Harpers Bazaar to La Repubblica, Hypetex has received coverage from leading publications worldwide.

But don’t just take our word for it...

“Hypetex Introduces Solution to Carbon Fibre's Image Problem”
Composites Manufacturing Magazine

“For the anniversary edition, Globe-Trotter turned to Hypetex.”
Telegraph

“Hypetex worked with the architect’s product design studio, Zaha Hadid Design, to replicate the form of the original in carbon fibre.”
Dezeen

“Hypetex was chosen as a partner due to its specialist knowledge of carbon fibre innovations”
Real Business

“Hypetex is the first company to make colored carbon fibre”
The Verge

“Each trolley case is made from the revolutionary Hypetex material”
Dexigner
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