

Confidence through certified and traceable material solutions

50+
traceable quality control tests performed per batch

35
years of quality and security of supply

400 works years of technical expertise with
60 scientists, engineers and technicians sharing
17 Ph.D.s that are focused on PEEK



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Victrex is an innovative world leader in high performance polymer solutions with products sold under the brand names of VICTREX® PEEK, VICOTE® Coatings, APTIV® film and VICTREX Pipes™. With production facilities in the UK backed by sales and distribution centers serving more than 30 countries world-wide, our global sales and technical support services work hand-in-hand with OEMs, designers and processors offering assistance in the areas of processing, design and application development to help them achieve new levels of cost savings, quality, and performance.

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GAME-CHANGING TECHNOLOGIES

VICTREX COMPOSITE SOLUTIONS



GAME-CHANGING TECHNOLOGIES

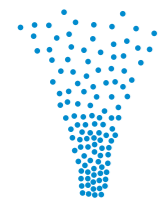
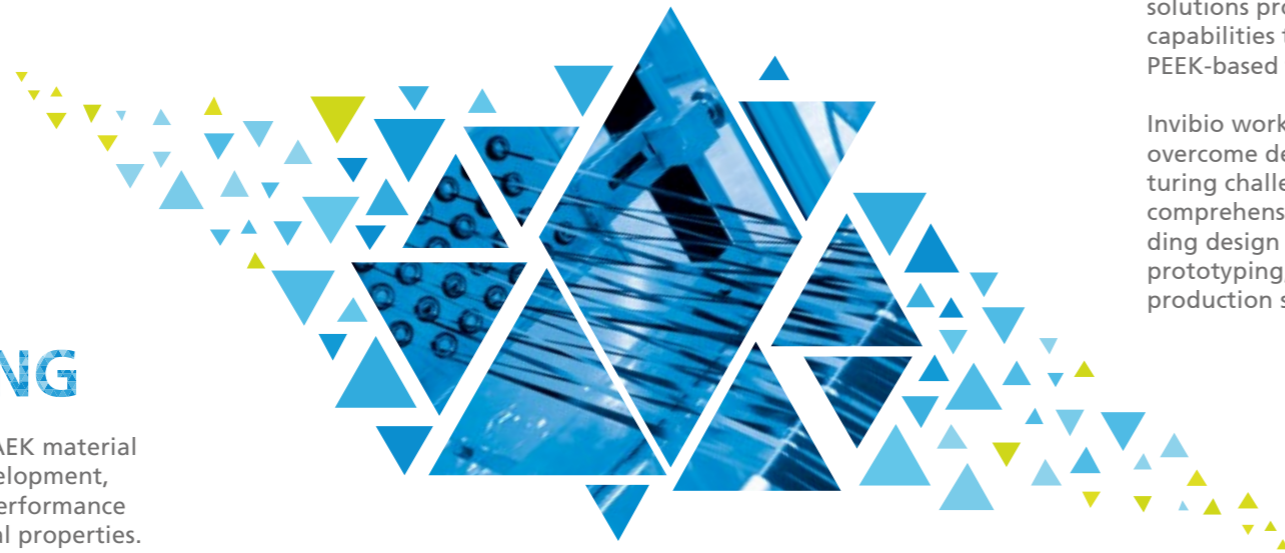


Enhanced application performance, the need for reliability and durability combined with the need for reduced manufacturing costs and speed to market are key drivers in composite application development. These trends are supporting the proliferation of continuous fiber reinforced thermoplastic composites. PAEK-composite solutions can offer significant weight reduction compared to traditional metal and metal alloy parts, based on their high specific strength and stiffness.

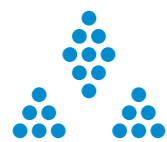
Working with our customers, Victrex is advancing this change, with proactive investment in composites that includes delivering new composite solutions, novel processing technologies and proven manufacturing capabilities.

INTEGRATED MANUFACTURING

Victrex integrated supply chain applies PAEK material expertise downstream to application development, the result: components that deliver the performance of Victrex PEEK with enhanced mechanical properties.



Integrated Monomer Manufacturing



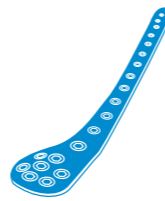
Proprietary Polymer Processing



Composite Material Manufacturing



Components Manufactured for Victrex focused Industries



Finished components

Victrex is employing innovative PAEK-based composite solutions to accelerate and expand markets within aerospace, energy and medical markets, working with customers to define solutions to address specific unmet needs.

MARKET-LED INNOVATIONS



COMPOSITE TURNKEY SOLUTIONS

Comprehensive assistance
Victrex medical business, In-vibio, is the only biomaterial solutions provider with the capabilities to commercialize PEEK-based trauma devices.

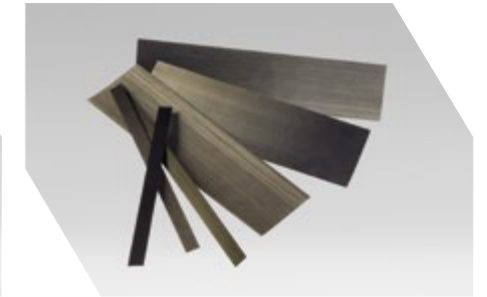
In-vibio works with customers to overcome design and manufacturing challenges by offering comprehensive assistance, including design for manufacturing, prototyping, validation and production services.



HYBRID MOULDING TECHNOLOGY

Functionality and durability
Victrex has established a novel hybrid technology which, for the first-time, allows our customers to overmould a VICTREX® PAEK-based composite with fibre-reinforced injection moulded PEEK polymers.

Designed specifically for the aerospace market this enabling technology means that components can be manufactured faster with greater functionality and durability – even under high loads.



INNOVATIVE COMPOSITE MATERIAL MANUFACTURING CAPABILITY

Reliable supply
Victrex has established unmatched, integrated manufacturing capabilities, including the largest dedicated PAEK composite UD tape facility that offers a reliable supply of our composite products.

MECHANICAL PERFORMANCE

With outstanding mechanical properties, Victrex PAEK-composites offer alternative solutions with weight reduction compared to traditional metal and metal alloy part, based on their high specific strength and stiffness.

