



Surana
Petro-tex
Private Limited

About us

Welcome to Surana Petro-Tex Pvt Ltd., your trusted partner in the world of technical textiles. We are a leading import and export company dedicated to providing high-quality, innovative, and sustainable solutions for various industries that rely on advanced textile materials.

Our Mission: At Surana Petro-Tex, we strive to bridge the gap between cutting-edge textile technologies and businesses seeking superior materials. Our goal is to deliver excellence in every aspect of our operations while upholding ethical and environmental standards.

Expertise & Product Range: With years of experience and a seasoned team, we excel in identifying and sourcing top-notch technical textiles. Our diverse product range includes geotextiles, automotive textiles, medical textiles, protective clothing, filtration textiles, composites, and agrotextiles.

Quality Assurance: Quality is our priority. Each product undergoes rigorous testing and meets international standards to ensure reliability and performance.

Customer-Centric Approach: We value our customers and focus on understanding their unique needs. Our personalized approach ensures exceptional support throughout the partnership.

Sustainability Commitment: We are committed to sustainability, sourcing eco-friendly materials, and promoting green practices across the supply chain.

Partner with us for seamless sourcing of top-quality technical textiles. Let us help you build a better, safer, sustainable future. Contact us today to explore possibilities for your industry.



Aramid

Aramid fabric represents textile innovation and reliability. Aramid fabrics, made from synthetic fibres with superior strength, heat resistance, and chemical stability, perform best in many industries. Aramid fibres are known for their tensile strength, abrasion and impact resistance, yet being lighter than steel. Aramid textiles are used in protective jackets, helmets, tyres, conveyor belts, and composites. Aramid fabrics are durable and reliable in harsh settings in defence, aerospace, automotive, and industrial sectors. Aramid fabric provides exceptional performance crucial applications.



Carbon Fibre

Carbon Fiber is a polymer and is sometimes known as graphite fiber. The material is extremely lightweight while still being highly robust. Carbon fibre is twice as rigid and five times stronger than steel. The optimum manufacturing material for many items is carbon fibre since it is lighter than steel and is both stronger and stiffer than steel. These are only a handful of the factors that influence why engineers and designers select carbon fibre for production.



Glass Fibre

Glass fibre is a substance comprised of several tiny glass fibres. One of the most adaptable industrial materials available today is the product. Its mechanical characteristics are equivalent to those of other fibres like carbon fibre and polymers. Fibreglass offers some unique advantages over other materials due to its thickness, weight and strength. With such a wide range of properties, the material can satisfy design and project objectives in many industrial applications.



Kevlar

Kevlar, a renowned para-aramid synthetic fiber, is celebrated for its exceptional strength, durability, and heat resistance. Kevlar finds versatile applications across various industries, including aerospace, automotive, military, and sports equipment. With its lightweight yet robust properties, Kevlar is an indispensable component in manufacturing bullet-resistant vests, protective gear, high-performance tires, and composite materials.



PVC Foam

Introduction:

PVC (Polyvinyl Chloride) foams are widely used in the shipbuilding and marine industry due to their unique combination of lightweight, durability, and excellent mechanical properties. These foams are integral to the construction and performance of various marine vessels, providing significant benefits over traditional materials.

Key Properties:

Lightweight: Reduces overall vessel weight, improving fuel efficiency and payload capacity.

High Strength-to-Weight Ratio: Offers strong structural support without adding excess weight.

Thermal and Acoustic Insulation: Maintains temperature control and reduces noise levels.



PMI Foam

PMI (Polymethacrylimide) foams are extensively utilized across various industries due to their exceptional mechanical properties, lightweight nature, and superior thermal stability. These foams are integral to enhancing the performance and efficiency of numerous applications, offering significant advantages over traditional materials.

Key Properties:

Lightweight: Significantly reduces the overall weight of structures, enhancing efficiency and performance.

Superior Mechanical Properties: Offers exceptional compressive strength, rigidity, and impact resistance.

Good Adhesion: Compatible with various adhesives and resins, facilitating easy integration into composite structures.



Resin

Discover the epitome of innovation and reliability with our comprehensive range of resins, including epoxy, vinyl ester, and polyester. Engineered with cutting-edge technology and meticulous precision, our resins set new benchmarks for performance and versatility. Renowned for their exceptional strength, chemical resistance, and durability, our resins offer unparalleled solutions across diverse applications.

Experience the superior qualities of our epoxy, vinyl ester, and polyester resins – the ultimate choice for excellence in advanced material solutions.



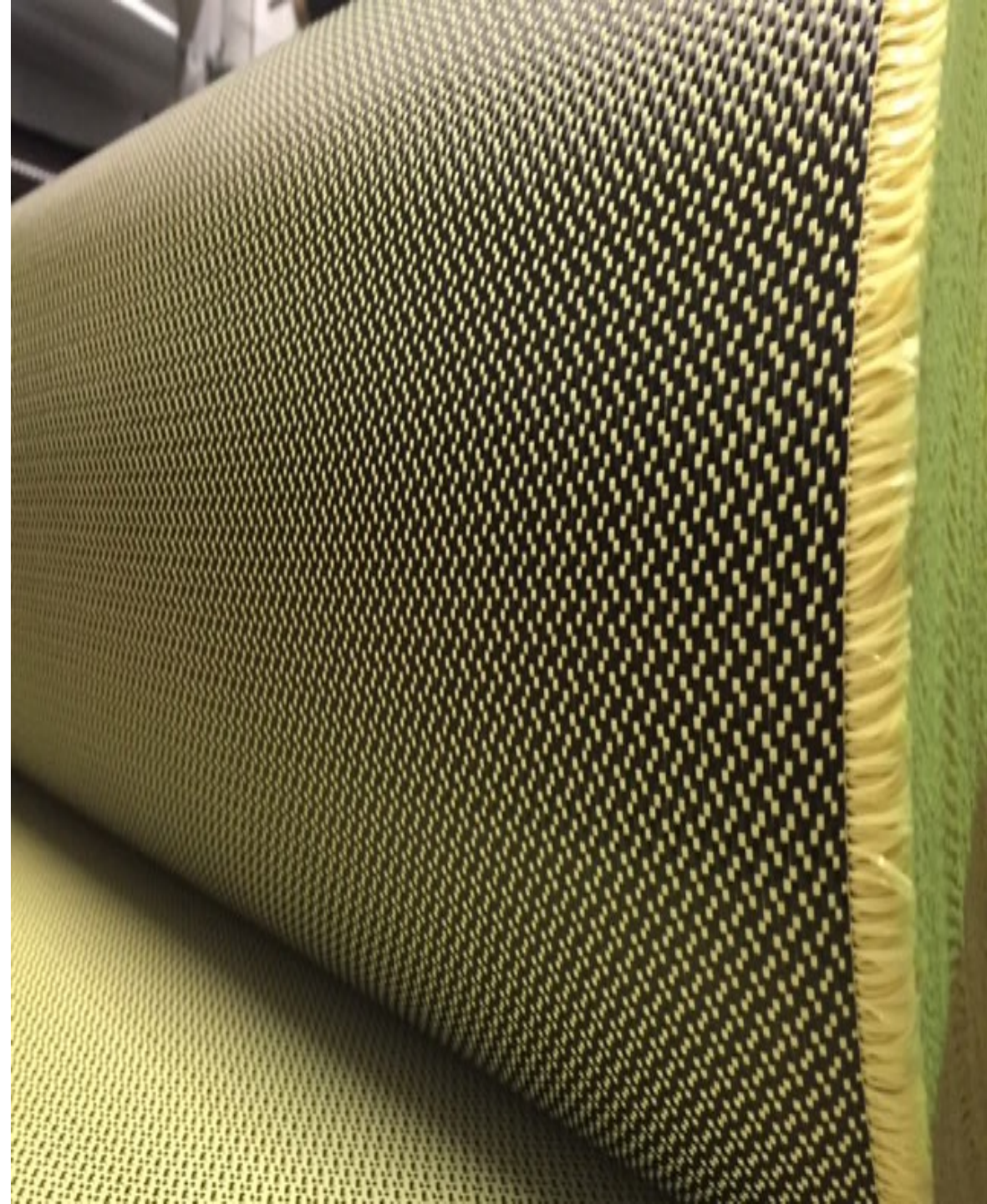
Ultra-High Molecular Weight Polyethylene (UHMWPE)

Discover the epitome of strength and versatility with UHMWPE (Ultra-High Molecular Weight Polyethylene) fabrics. Engineered with advanced technology and precision, UHMWPE fabrics redefine industry standards for performance and durability. Renowned for their exceptional strength-to-weight ratio, UHMWPE offers unparalleled resistance to abrasion, impact, and wear across diverse applications. Experience the superior qualities of UHMWPE fabrics – the ultimate choice for excellence in textile solutions.



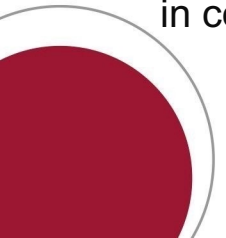
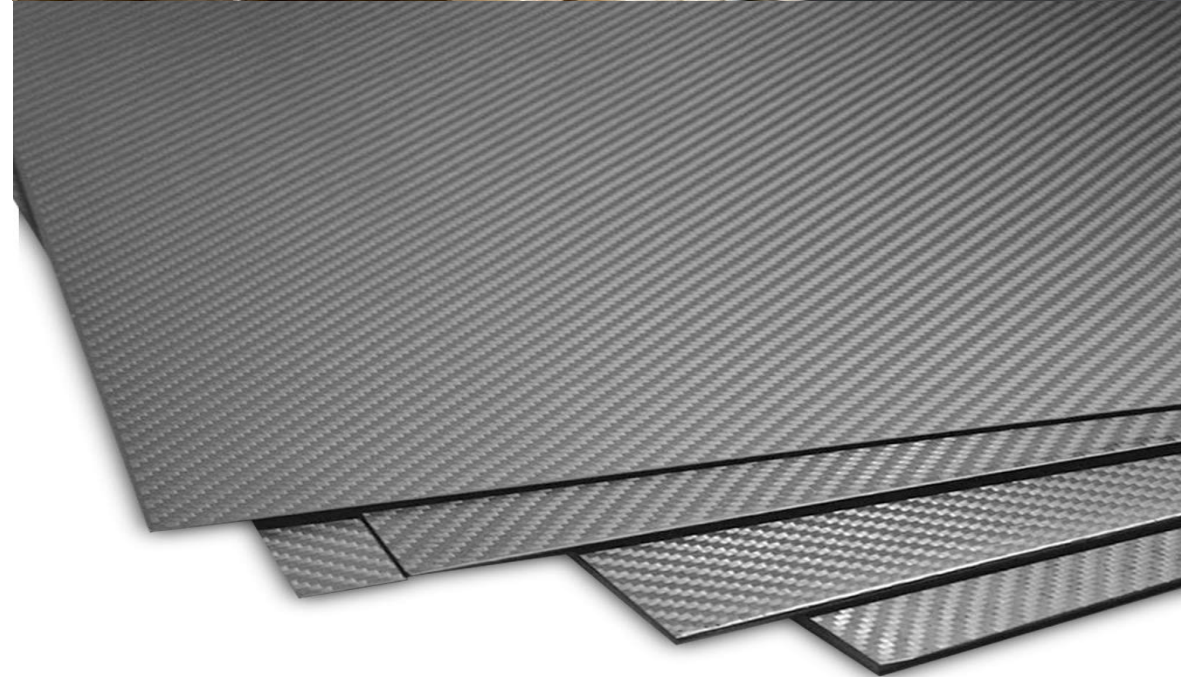
Hybrid Fabrics

Discover the pinnacle of innovation with our hybrid fabrics, including Carbon-Kevlar and Carbon-Aramid blends. These cutting-edge combinations merge the lightweight properties of carbon fibres with the unmatched strength of Kevlar and Aramid. Carbon-Kevlar offers superior impact resistance for sporting equipment and aerospace components, while Carbon-Aramid provides exceptional strength and heat resistance for ballistic protection and industrial applications. Experience innovation and reliability in one with our hybrid fabrics range.



Composites

Discover excellence in composite materials with our range of glass fiber and carbon fiber composites. Our glass fiber composites offer exceptional strength, durability, and versatility, making them suitable for a wide array of applications in industries such as construction, automotive, and marine. Meanwhile, our carbon fiber composites exemplify innovation, providing unmatched strength-to-weight ratios, enhanced stiffness, and corrosion resistance. Whether you're seeking lightweight solutions or superior structural integrity, our composite materials are engineered to meet and exceed your expectations. Experience reliability and performance with our glass fiber and carbon fiber composites, setting new standards in composite technology.





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