

RECYCLED FABRIC

Sustainable solutions that make a positive impact

The use of recycled and recovered carbon fibre is increasing in demand as OEMs seek to reduce their carbon footprint and follow a more sustainable pathway to producing CFRP components. SigmRF is unique in that it uses internal production waste streams to produce a high quality, consistent and reliable product that offers predictable behaviour and a secure supply chain. We also offer hybrid options blended with a TP recycled fibre supplied as a consolidated sheet for press forming.

RF ADVANTAGE

By using our own production waste we can avoid the environmentally damaging recovery processes such as pyrolysis and solvolysis, enabling us to offer one of the greenest solutions to the industry.



This product uses our internal waste stream comprising of virgin grade fibre with sizing intact.



PRODUCT FEATURES

01

A Range of FAWs

Fabric Area weights range between 100gsm to 600gsm available

02

Fibre Grades

Our product use our internal waste stream, which is virgin grade high strength fibres

03

Fabric Widths

We offer standard widths of 1000mm and 1250mm, but can customise to customer needs

04

Form

The product is a non-woven matt with random orientation to the fibres





LEADERS IN

CARBON FIBER

TEXTILE TECHNOLOGY

ABOUT US

Established in 1986, Sigmatex are a global leader in the design, development and manufacture of carbon fiber based textiles and operate within the Advanced Materials sphere.

From our modern manufacturing facilities, we produce an unrivaled range of CF textile products, allowing us to guide you to the optimum solution for your project.

We serve our global customer base from three manufacturing locations in Europe (UK), USA (SC) and Asia (China).

With a philosophy of developing long-term partnerships, we are proud to say we generate over 90% of our annualised sales from repeat business!

OUR MISSION

Our mission is to be your first choice supplier for carbon fiber textiles based on our commitment to delivering excellence in innovation, service level, quality and trust.

MARKET SECTORS

Our products are used widely across a diverse range of end markets including Commercial Aerospace, Military and Defense, Space, Automotive, Marine and Sports & Leisure products.

SUSTAINABILITY

We are passionate about being an environmentally responsible business. Our commitment to sustainability spans across all aspects of our business, from waste reduction and recycling to energy efficiency and, all independently verified through 3rd party certifications such as ISO14001 and ISCC+