

# WOVEN Fabrics

## With over 40 years of experience, we are experts at weaving carbon fiber

With such experience, we have acquired significant know how in the art of producing the highest quality woven fabrics covering standard, intermediate and high modulus fibers. And with a large global capacity, extensive customer and sector certifications (such as AS9100D and IATF 16949), we are a reliable and critical part of supply chains covering Aerospace, Automotive and Defense sectors

### WOVEN ADVANTAGE

Thanks to the multitude of fiber and weave pattern combinations possible, woven fabrics offer a high degree of optimisation in terms of mechanical performance and processability behaviours such as drape



Our woven fabrics are used extensively in the Commercial Aerospace sector and have been for over 25 years. A track record we are extremely proud of!



## PRODUCT FEATURES

01

### Fabric Area Weight

We offer FAWs ranging from 90gsm to 1200gsm using 1K up to 24K fiber

02

### Widths

We can produce widths up to 1600mm, including customer specific widths

03

### Weave Pattern

Various weave patterns available including plain, twill and satin

04

### Visual Quality

A specific range of products designed to meet the more demanding requirements for visual applications





**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, all independently verified through 3<sup>rd</sup> party certifications such as ISO14001, EcoVadis and ISCC+