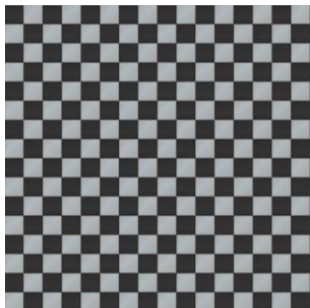


Flat Tow Fabrics

Product overview

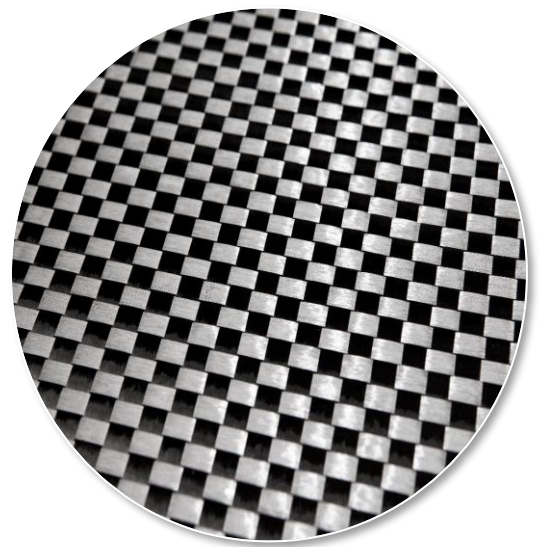
The sigmaFT range of advanced carbon fabrics benefits from light area weight, high closure level and a flat structure. Designed using proprietary weaving technology that enables the inline spreading of both the warp and weft tow bundles, the end result is cosmetically attractive, consistent and offers improved processability due to its closure level.



Plain weave



Twill weave

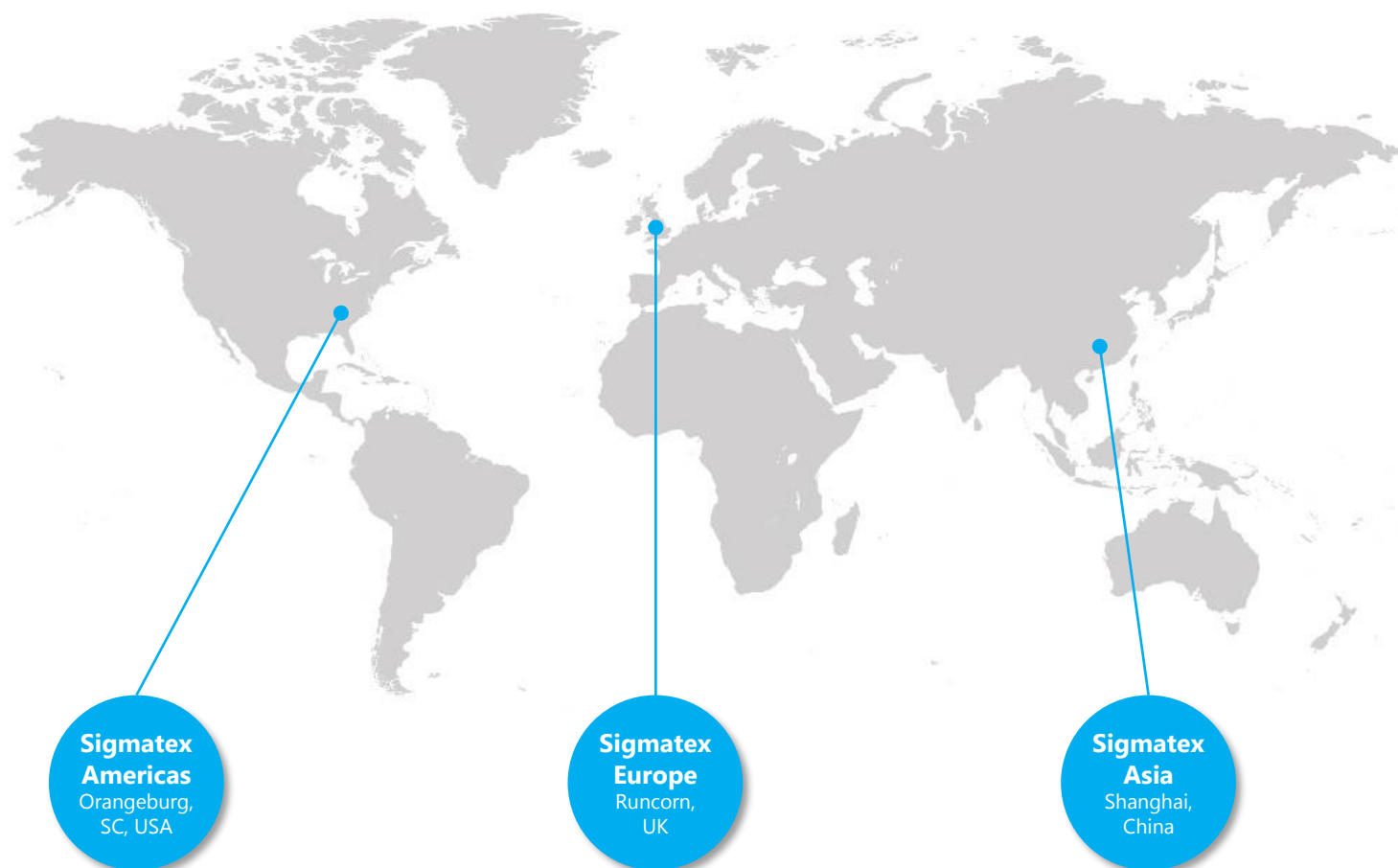


Product attributes

- Produced from high strength and intermediate modulus fibers
- Improved tensile strength vs 3K fabrics
- Low crimp
- Thinner profile enabling higher volume fractions
- High closure levels

- Area weights:** 195 to 280gsm
- Widths:** from 1,000 to 1,600mm
standard width 1,250mm
- Yarn options:** 12K standard modulus and intermediate modulus
- Roll sizes:** 100LM as standard
- Applications:**





Sigmatex Americas
Orangeburg,
SC, USA

Sigmatex Americas

Sigmatex (Americas) Limited

1 Sigmatex Drive,
Cameron,
South Carolina,
29142.

USA

T: +1 803 828 7886
E: sales@sigmatex.com

Sigmatex Europe
Runcorn,
UK

Sigmatex Europe

Sigmatex (UK) Limited

Manor Farm Road,
Manor Park,
Norton, Runcorn,
Cheshire,
WA7 1TE.

United Kingdom

T: +44 (0)1928 570050
E: sales@sigmatex.co.uk

Sigmatex Asia
Shanghai,
China

Sigmatex Asia

Sigmatex (Shanghai) Limited

Building Number 1,
65 Huan Dong Yi Lu,
Fengjing Town,
Jinshan District,
Shanghai.

China

T: +86 21 6735 5986
E: sales@sigmatex.cn

Designed for performance

Established in 1986, Sigmatex is a global leader in the design, development and manufacture of carbon fiber textiles for the Advanced Materials sector. By working in partnership with our customers we can fully understand what is required to develop solutions that will exceed expectations of performance, processability and cost. We offer:

- Widest range of conversion technologies in the market
- Proprietary manufacturing equipment and processes
- Innovative and customised textile designs
- Optimal fiber selection
- Highest levels of quality assurance
- Collaborative approach

www.sigmatex.co.uk