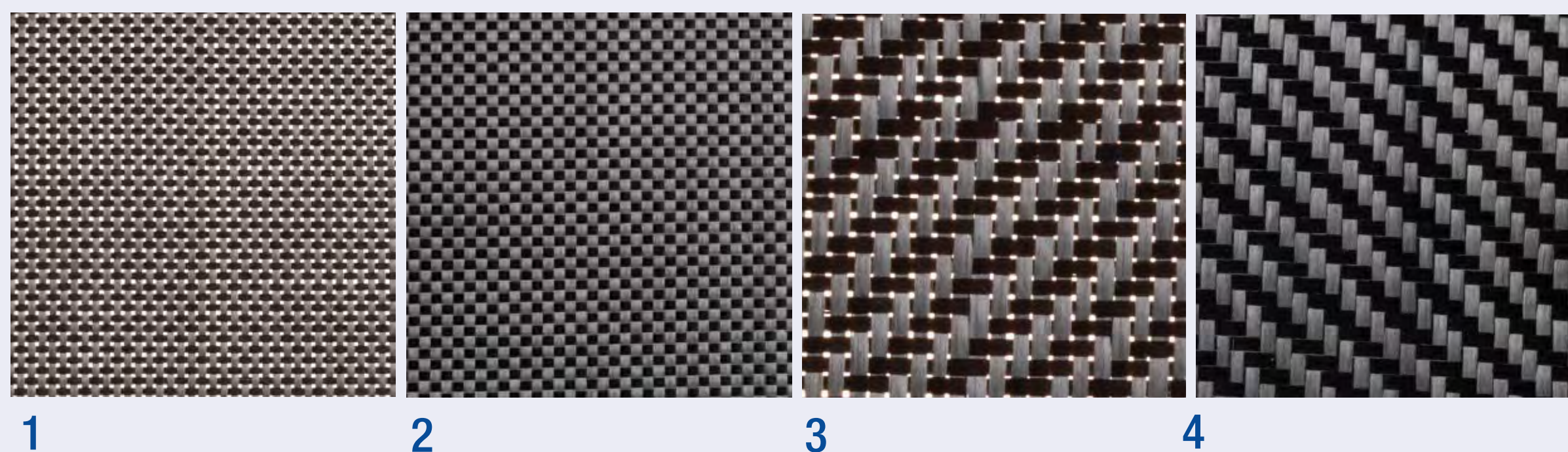




PrimeTex™ Range

PrimeTex™ is a range of carbon fabrics which have been processed for a smooth, closed weave and uniform cosmetic appearance. The fibre tows are spread in both the warp and weft direction for unique aesthetic appeal. **PrimeTex™** fabrics are more uniform as the filaments in each tow are spread out creating a thinner and more closely woven fabric that provides better mechanicals and less porosity in a composite. It can also be used to lower the mass in a composite where lighter weight is the key characteristic.

Hexcel has patents covering its innovative spreading processes.



1. HexForce® 43199 UB1250 – fiber coverage: 92.5%
2. PrimeTex™ 43199 UB1250 ST – fiber coverage: 95%
3. HexForce® 48194 C 1270 – fiber coverage: 95%
4. PrimeTex™ 48194 C 1270 – fiber coverage: 99.5%

KEY FEATURES AND BENEFITS COSMETICS

PrimeTex™ is obtained thanks to Hexcel's Proprietary Spreading Technologies:

PrimeTex™ allows use of high K Tow fibers for lowest areal weight

PrimeTex™ brings a clear visual advantage to the final product

PrimeTex™ enhances laminate mechanical properties

PRODUCT RANGE

With 3K fiber, from 160 to 245 gsm
With 6K fiber from 285 to 370 gsm
With 12K fiber from 193 to 400 gsm
For PrimeTex™ using 1K and 24K fibers, consult Hexcel.

MARKETS

- Automotive cosmetic applications
- Recreational (rowing boats, bicycles) and marine (hulls & spars)
- Industrial Machinery
- Aerospace thin laminates and sandwich structures

