

STILL TECH

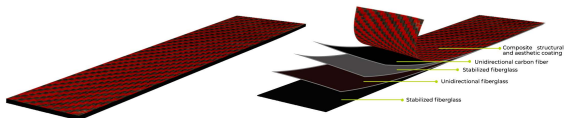
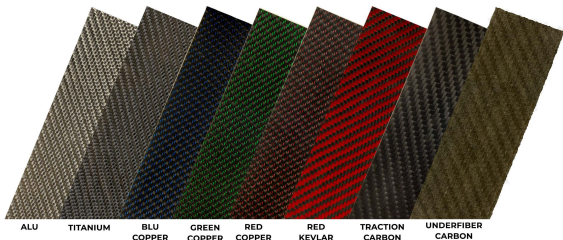
COMPOSITE STABILIZED SHEETS WITH VACUUM LAYERING

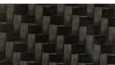
**EXTERNAL LAMINATION FOR TRACTION AND COMPRESSION SIDE
OF HIGH PERFORMANCE LIMBS**

FIELD OF APPLICATION:

ARCHERY SPORTS AND HUNTING INDUSTRY

SAKIMA research continues in the field of limb lamination for archers. After the technical/ commercial success of our full carbon product, TRACTION CARBON, we have developed the new line of laminations: **STILL TECH**. Not just carbon, but a skilful combination of different layered technical materials; stabilized fiberglass, carbon and technical fabrics such as ALUMINUM - TITANIUM - COPPER. The result is a collection of **6 new laminations** that are added to the 2 FULL CARBON ones. Resulting in new exceptional technical features and unprecedented chromatic and aesthetic effects.



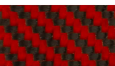


TRACTION CARBON: the full carbon lamination is obtained by vacuum layering of 6 carbon layers UNIDIRECTIONAL + DIAGONAL + AESTHETIC TWILL, expertly arranged to obtain the maximum elastic and antitorsional performance in the bending elements. Deep black aesthetics with twill carbon weave.



UNDERFIBER CARBON: the full carbon lamination is obtained by vacuum layering of 2 carbon layers DIAGONAL + AESTHETIC TWILL arranged to obtain the aesthetic underfiber performance, with the addition of a powerful antitorsional action thanks to carbon diagonal coating. It does not replace the fiberglass. Black aesthetics with twill carbon weave.

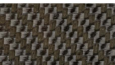
NEW 2021



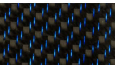
RED KEVLAR: the composite lamination is obtained by vacuum layering of FIBERGLASS - CARBON - RED KEVLAR WITH TWILL WEAVE. Original and valuable aesthetics is achieved by using kevlar fibre as the final coating, prominent red aesthetics with black diagonal filaments.



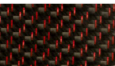
ALU: the composite lamination is obtained by vacuum layering of FIBERGLASS - CARBON - TECNO ALUMINIUM WITH TWILL WEAVE. Original and valuable aesthetics is achieved by using aluminium fibre as the final coating, prominent silver aluminium aesthetics with dark grey diagonal filaments.



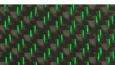
TITANIUM: the composite lamination is obtained by vacuum layering of FIBERGLASS - CARBON - TITANIUM WIRE WITH TWILL WEAVE. Original and valuable aesthetics is achieved by using titanium fibre as the final coating, prominent dark silver titanium aesthetics with black diagonal filaments.



BLU COPPER: the composite lamination is obtained by vacuum layering of FIBERGLASS - CARBON - COPPER WIRE WITH PLAIN WEAVE. Original and valuable aesthetics is achieved by using copper fibre as the final coating, prominent dark grey aesthetics with blue braided plain weave filaments.



RED COPPER: the composite lamination is obtained by vacuum layering of FIBERGLASS - CARBON - COPPER WIRE WITH PLAIN WEAVE. Original and valuable aesthetics is achieved by using copper fibre as the final coating, prominent dark grey aesthetics with red braided plain weave filaments.



GREEN COPPER: the composite lamination is obtained by vacuum layering of FIBERGLASS - CARBON - COPPER WIRE WITH PLAIN WEAVE. Original and valuable aesthetics is achieved by using copper fibre as the final coating, prominent dark grey aesthetics with green braided plain weave filaments.



ANTI TORSION

DRASTIC REDUCTION OF LIMB TORSION

The assembly and vacuum bonding technique of the pre-impregnated composites has allowed us to combine the fabrics and ensure dimensional stability enhancing torsional strength by 100% of the diagonal carbon twill weave, which can be technically difficult with traditional processing techniques. The anti-torsion effect of the laminations allows us to obtain a greater control of the limb in closing and release phases. Any non-perfect manual releases may have a greater control and tolerance if the limb realigns before complete closure.



STILL TECH COMPLETELY REPLACES FIBREGLASS

STILL TECH laminations fully replace fiberglass and do not require additional coatings. Their composition and structure ensure a higher elastic modulus than common fiberglass. The aesthetic twill weave texture is therefore enhanced by the coating.



USE OF STILL TECH LAMINATIONS BOTH IN TRACTION AND COMPRESSION

STILL TECH laminations can be used both on the traction and compression sides of the limb*.

* For the Traction Carbon, traction side use only.

AVAILABLE FORMATS*

920x45x1,2 mm

920x50x1,2 mm

1850x45x1,2 mm

1850x50x1,2 mm

* Customizable widths and lengths are available on request.

CONTACT US

www.sakimarchery.com

