

# 4D BRAIDED™

4D stands for 4 directional braiding and it has been introduced to enhance racket stability and control. 4D Braided material is constructed using four braided fibres of superlight composite fibres wrapped in an alloy sheath.

The fibres are aligned at 0, 90, 22 and -22° orientations which enables stresses to be supported in multiple directions whereas standard carbon sheets are only orientated in a single direction. This means that one layer of 4D Braided material has the equivalent properties to four layers of standard carbon layered up at different orientations, making it 4 times more effective without increasing the overall weight of the rackets.

4D Braided material has been incorporated to the racket lay-up at the following key locations:

- At 5 and 7 o'clock the multi-directional properties of the 4D braided cloth help stabilise the torsional twist, making the racket more stable and enhancing control.
- At 3 and 9 o'clock of 4D braided cloth provides torsional stability and as a result of only one layer being used instead of several this material also provides superb racket response at ball contact.

4D Braided technology perfectly complements the raw power of Aerogel technology to create the perfect blend of control and power.



4D Braided Technology

