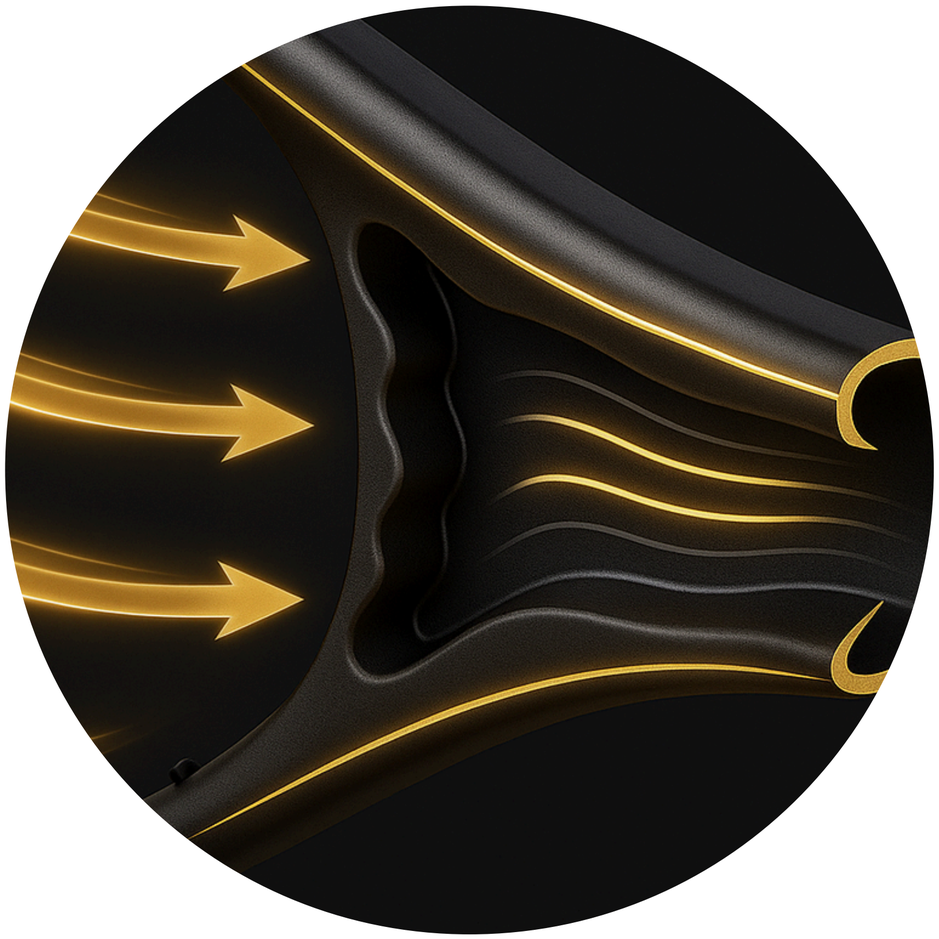
FLEXPRO FB-700 (Wave Wind Attack Series)


PROFESSIONAL BADMINTON BRAND
FB-700
Weight 83±1g
Balance 297±2mm
Length 675±1mm
Tension 24-28lbs


4U-G2
MADE IN TAIWAN

Technical Specification



Wave Wind Drag Reduction Frame

Wave-shaped contours into the racquet's outer frame. These aerodynamic grooves guide airflow smoothly along the racquet during swings, reducing turbulence and air drag.

Benefits:

- **Reduced Drag** – Wave grooves streamline airflow, allowing the racquet to cut through the air more efficiently.
- **Faster Swing Speed** – Lower resistance enables players to generate greater racket head speed with less effort.
- **Power Boost** – Improved aerodynamics transfer more swing energy into the shuttle.
- **Stability & Control** – Balanced airflow around the frame increases handling precision.

Liltra Rigid Carbon Fiber

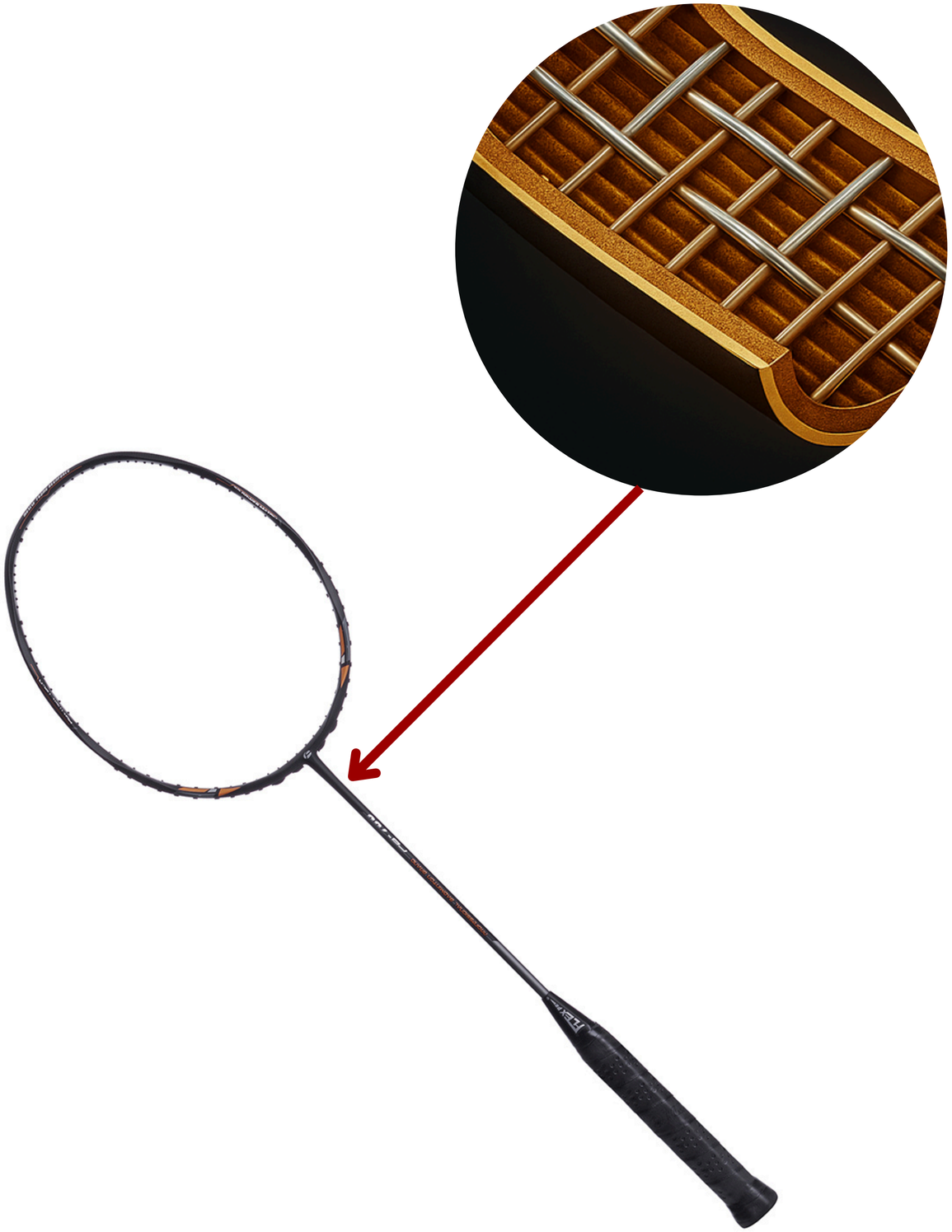
Highly rigid carbon fibers in the racquet frame and shaft to maximize stability and power. The material is engineered to resist deformation under stress, giving players a racquet that is **stiffer, stronger, and more responsive**

Functionality:

- **Rigid Carbon Fibers:** The dense fiber arrangement prevents frame distortion during powerful smashes.
- **Energy Efficiency:** By reducing unwanted flex, more swing energy is directly transferred to the shuttle.
- **Stable Handling:** The rigid construction reduces vibrations, offering a cleaner, more controlled feel.

Benefits

- **Strength & Durability –** Withstands high string tensions and repeated impact.
- **Explosive Power –** Generates faster shuttle speed thanks to improved repulsion**.**
- **Control & Precision –** Stiffer response ensures accurate shot placement.
- **Consistency –** Reliable performance even during aggressive play.



High-Density Nano Carbon Fiber of Titanium Fiber

Hybrid material combines **high-density nano carbon fibers with reinforced titanium strands**, creating a racquet structure that is both **ultra-strong and highly responsive**. The nano carbon matrix improves elasticity and resilience, while titanium fibers add rigidity and impact resistance.

Benefits

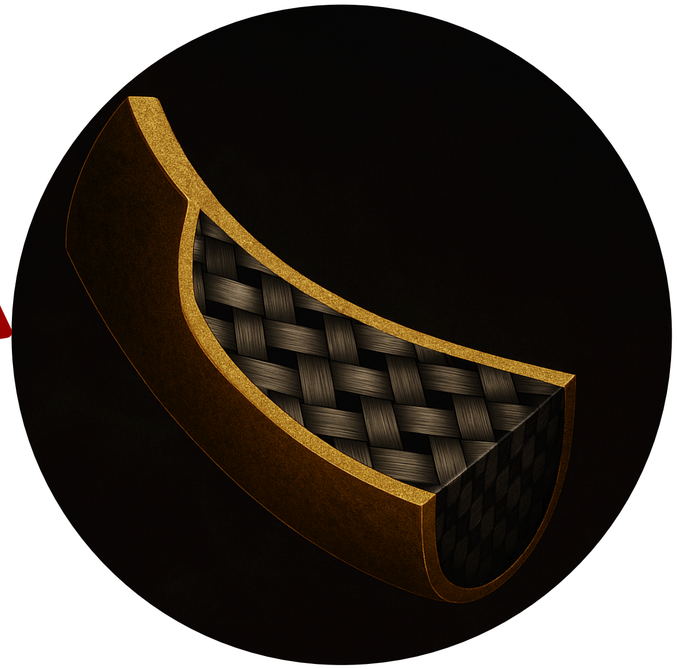
- **Durability –** Titanium fibers prevent distortion and frame cracking under high tension.
- **Explosive Power –** Nano carbon enhances shuttle repulsion for faster smashes.
- **Stability & Control –** Titanium reinforcement minimizes vibration for cleaner shots.
- **Lightweight Strength –** Maintains agility while boosting toughness.

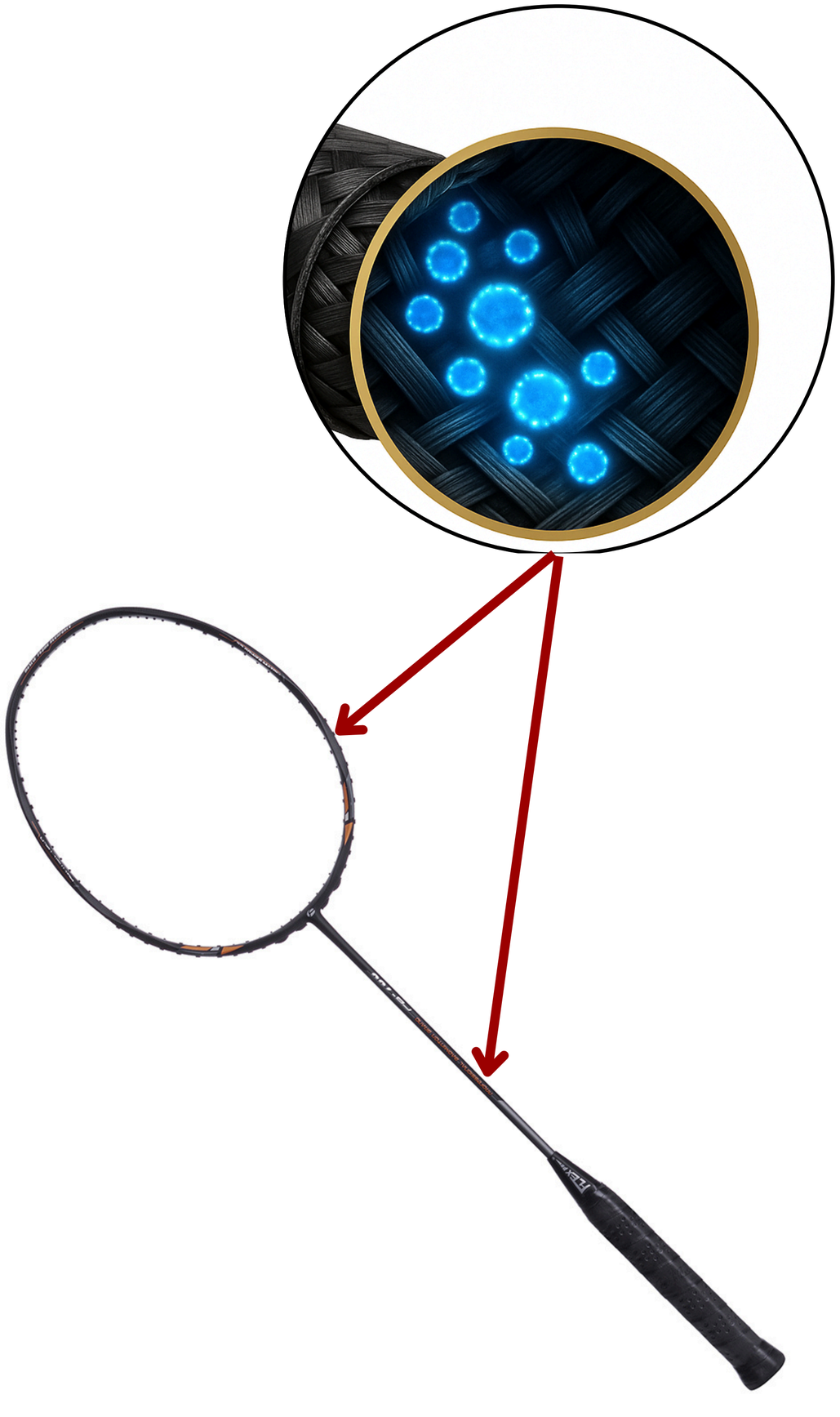
Carbon fiber Woven

Interlaced carbon fibers arranged in a crisscross weave. Unlike single-direction fibers, the woven design offers multi-directional reinforcement, making the racquet both stronger and more durable

Benefits

- **Durability**: Distributes stress evenly to prevent cracks and frame distortion.
- **Power:** Improves shuttle repulsion for stronger smashes.
- **Stability**: Reduces vibrations for smoother handling.
- **Consistency:** Maintains shape and performance under high tension.





Nano technology

Nano Technology enhances racquet performance by integrating **nanometer-scale materials** into the carbon fiber matrix. These nano-particles or nano-tubes reinforce the racquet structure at the molecular level, making it **lighter, stronger, and more durable** without adding extra bulk

Functionality:

- **Nano Reinforcement –** Nano-sized particles fill gaps between carbon fibers, increasing bond strength.
- **Improved Flex & Repulsion –** The nano matrix gives better shuttle rebound and explosive power.
- **Stability & Control –** Reduced frame vibration provides smoother handling and precision.
- **Durability –** Prevents micro-cracks, extending racquet lifespan even under high string tension.

Benefits:

- **Strength & Durability –** Reinforces the frame against repeated impact.
- **Explosive Power –** Increases shuttle repulsion for faster, sharper smashes.
- **Accuracy –** Stabilizes the racquet for cleaner shot placement.
- **Lightweight Performance – K**eeps the racquet easy to maneuver while improving stability.