



C-WEAVE™ design 100% Carbon

Design appeal & Structural benefits

Sports Equipment and **Automotive Industries** are looking for **alternative carbon look** with truly **structural benefits**. Relying on its **industrial** and **creative expertise**, CHOMARAT has developed **2 very selective new C-WEAVE™ products**.

C-WEAVE™ design 100% Carbon

A **design alternative** to standard carbon fabric. It offers a subtle **hexagonal pattern** playing on light reflection.

PROCESS

C-WEAVE™ design 100 % Carbon is suitable for prepreg or RTM/Infusion.

APPLICATIONS

- Automotive body panels, interior parts
- Sports Equipment

Structural and visual woven carbon look



TECHNICAL DATA

WARP	100% carbon 3K
WEFT	100% carbon 3K
TOTAL WEIGHT	245 gsm



C-WEAVE™ design Carbon / Innegra™

Design appeal & Structural benefits

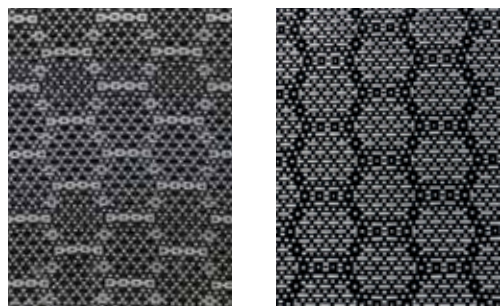
C-WEAVE™ design Carbon/Innegra™

Combines the **ductile behavior** of Innegra™ with the **stiffness behavior** of carbon into a very **light** and visual woven carbon **look**.

BENEFITS

Innegra™, which is a High Modulus Polypropylene based Fiber brings **impact resistance** and **vibration damping benefits** balancing the carbon high frequency vibration mode and low impact resistance. Very valuable in all dynamic sports equipment products.

A smart feature on both sides.



C-Weave 176D1054 with carbon 3K Fiber & Innegra™

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Very light and visual woven carbon look

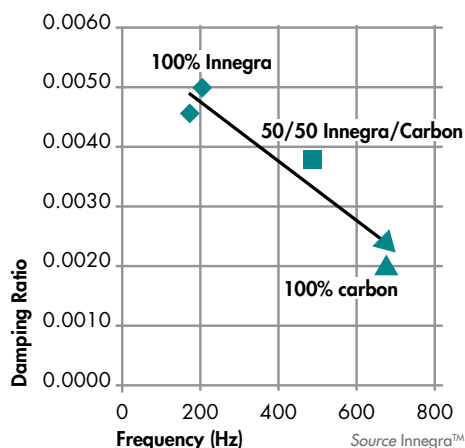
CHOMARAT

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• Vibration damping benefits

Damping Ratio vs. Frequency



TECHNICAL DATA

WARP	100% carbon 3K
WEFT	100% Innegra™ (30% of total weight)
TOTAL WEIGHT	176 gsm

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