

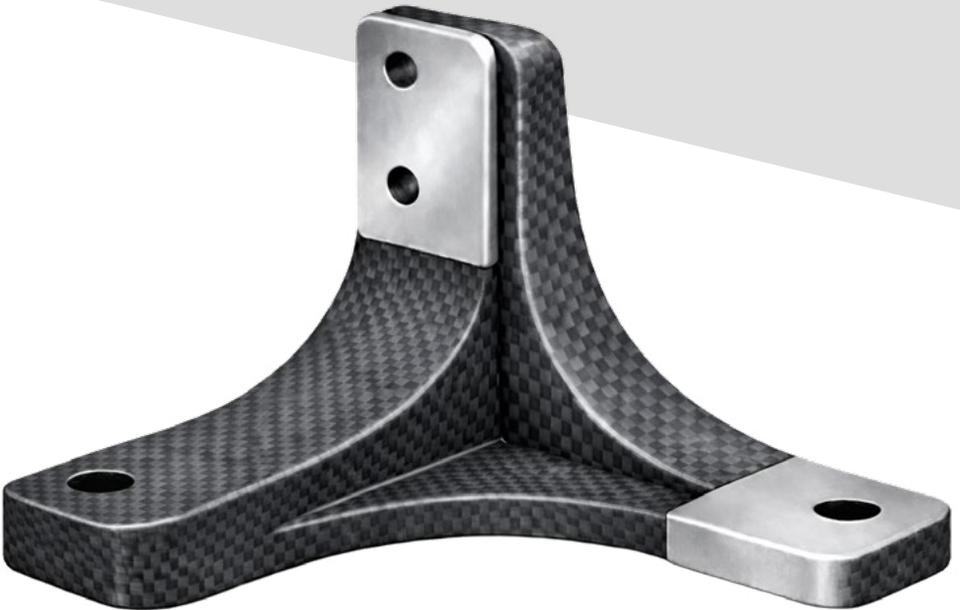
NEW
SOLUTION



RTF™
ROCTOOL THERMAL FUSION

ROCTOOL THERMAL FUSION

Combining Roctool induction technology and
advanced mold configurations



STRUCTURAL FUSION OF COMPOSITE COMPONENTS

- Roctool Thermal Fusion is a manufacturing solution designed to fuse multiple components directly in the mold, achieving full consolidation through Roctool induction heating and precise temperature control.
- By precisely managing temperature levels, the process creates a continuous structure from multiple components, eliminating secondary welding, fastening, and post-assembly operations while ensuring high top-surface quality.

ROCTOOL
MOLDING MATTERS.

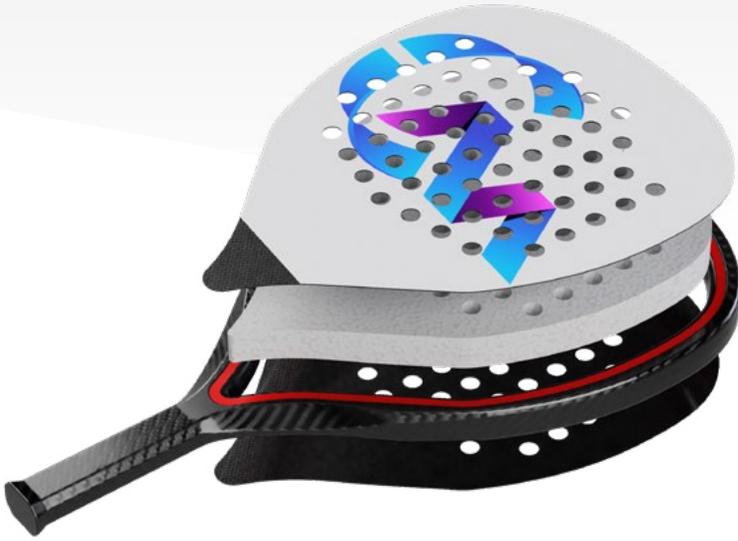
NEW
SOLUTION



RTF™
ROCTOOL THERMAL FUSION

RUNNING IN SERIAL PRODUCTION

Proven in industrial environments
for thermoplastic composite structures



WHY IT MATTERS

- ✖ In-mold consolidation and assembly in one cycle
- ✖ Structural fusion across composite components
- ✖ No secondary bonding, fastening, or post-assembly
- ✖ Design freedom for complex 3D composite structures
- ✖ Scalable from low to high production volumes



CONTACT

+33 479 26 27 07

hello@roctool.com

www.roctool.com