

# ROCKWOOD COMPOSITES

Engineered to Perform  
Designed to Win

Your supplier of Motor Sport composite components through 'Out-of-Autoclave' manufacture

Rockwood provides Aerospace Quality parts for the motor sports industry using pre-preg materials in metal tooling, through bladder and compression moulding processes. Metal tooling allows for Modular tooling design resulting in the ability to make multiple non-identical sister components from the same base tooling by changing individual inserts

Compared to auto-clave components, metal tooled compression and bladder moulding offers superior quality in the same amount of time.

- Expedited Part manufacture
- Complex designs with fully tooled surfaces
- Mould tools machined overnight
- No waiting on contractors

## Dispelling Myths about metal tooling and press-moulding:

"Metal tooling takes too long"

Metal tooling can go from CAD to 'Lay-up Ready' in hours, not days as with composite tooling

"Metal tooling is too expensive"

When considering timely plug manufacture and then mould manufacture, metal tooling is on par with composite tooling from a cost perspective with vastly superior quality of components

"Press-moulding is slow"

Layup time is expedited with snap-cure resins and tools can be ramped in temperature rapidly, meaning cure times of minutes, not hours.



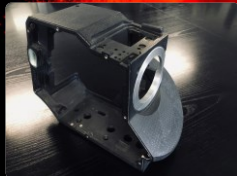
High temperature resistance



Electronics housing



Integral 'no-bond' fittings



High Detail, Quality tooling    Complex 1-shot mouldings



SCAN FOR WEBSITE



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## Low-cost Moroccan Manufacturing Facility

Rockwood uses metal tooling with pre-preg composite materials to realise complex components, assemblies and robust structures, ready to withstand all harsh environments whilst maintaining excellent properties and appearances.

Our head office and manufacturing facility is based in the UK where Rockwood undertakes all design, development and small to medium sized production runs.

Rockwood also has a 21,000ft<sup>2</sup> Moroccan facility up and running for large scale batch manufacturing at a much lower cost than that achievable in the UK;

- The facility, based in Midparc, Casablanca is ideally situated with excellent shipping routes
- Midparc benefits from trade agreements with 37 countries providing a duty-free zone for the manufacturing park
- No import or export tax relays big savings for our customers
- Midparc increases Rockwood's manufacturing capacity by 3-fold, enabling much larger production runs.

