



# Aquacore™

Unlike conventional mandrel materials, which must be tediously removed from composite lay-ups, Aquacore™ mandrels are readily soluble in cold tap water and can easily be washed away from the finished part.

Aquacore™ saves time and labor, and the wash-away feature minimizes the possibility of damaging fine details.



## Aquacore™ Benefits:

- ✓ Washes away in cold tap water
- ✓ Environmentally friendly; no special disposal procedures required
- ✓ Nontoxic and odorless
- ✓ Remove mandrel from previously inaccessible hidden areas
- ✓ Easily dried in a convection oven
- ✓ Strong and lightweight
- ✓ Makes complex part manufacturing possible
- ✓ Compatible with all commercial resins and pre-preg compounds
- ✓ Easily repaired
- ✓ Saves time, labor and money



## Aquacore™ Specifications:

Compressive Strength: 742 ± 31 psi at 70°F/21°C

Density Dry: 33.7 lbs. / cu. ft. at 250 psi compaction

Coefficient of Thermal Expansion: 2.6 x 10<sup>-6</sup> mm / mm°C

Aquaseal™ is recommended to seal the tool and prevent resin migration.  
Call or fax Advanced Ceramics Manufacturing for assistance with your specific requirements.

