

Ω MEGA

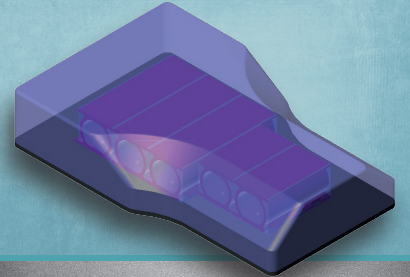
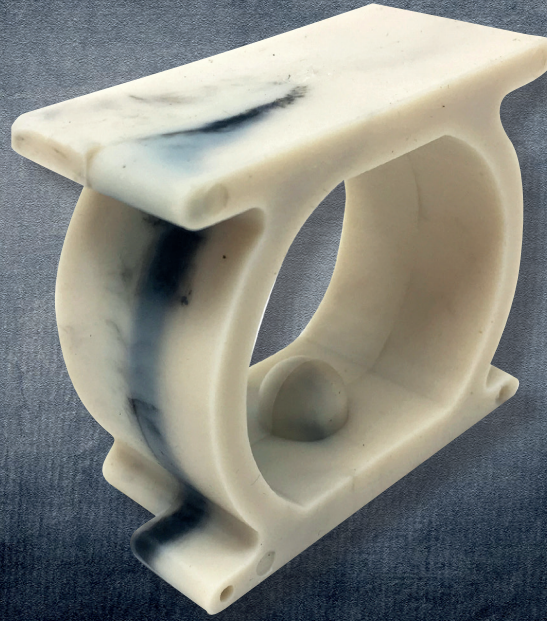
SHOCK MITIGATING MARINE SEAT INSERTS



SERIES

PATENT PENDING 1916440.9

**VERSATILE, FLEXIBLE
AND HARD-WEARING
MODULAR SEAT
INSERTS FOR A
COMFORTABLE RIDE**



THE SHOCK-WBV: Ω-SERIES is a specifically designed seat insert. Its unique technology improves comfort and safety.

Extremely versatile and easily fitted, the Ω-series modular design means it fits within any sized cushions. The larger the cushion, the more units are used.

The SHOCK-WBV: Ω-series is manufactured from an extremely flexible and hard-wearing rubber material that returns to full height for the next wave impact faster than other systems on the market. This exceptionally fast rebound keeps up with the fastest boats' wave impacts.

Perfect for in-shore and coastal waters, lakes and rivers, the Ω-series design means even when space is limited, or seats can't be suspended, this simple solution will provide increased safety and comfort.

For the ultimate shock mitigating solution, the Ω-series can be fitted to chairs along with SHOCK-WBV mitigation units to help meet the requirements of the EU Vibration Directive 2002/44/EC.

The shock mitigating seat inserts significantly reduce repeated shock and whole-body vibration (WBV).

sea sure

“THE BENEFITS OF FITTING SHOCK MITIGATING SYSTEMS TO MARINE SEATS ARE WELL KNOWN.”



TECHNICAL SPECIFICATION

The SHOCK-WBV: Ω -series is designed specifically to reduce Whole Body Vibration (WBV) and increase comfort for boat users.



SERIES

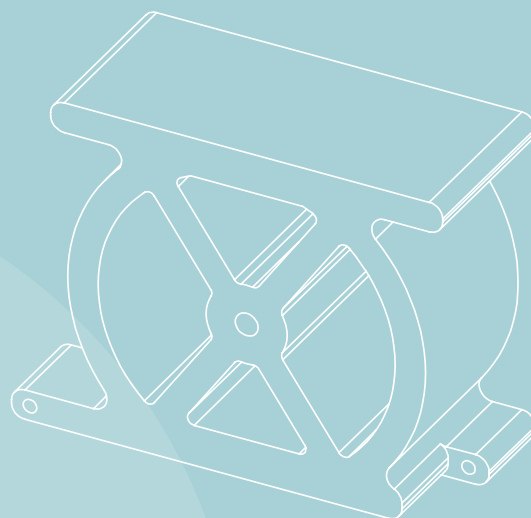
The benefits of fitting shock mitigating systems to marine seats are well known. Big wave shocks can cause immediate spinal problems, and the constant smaller hits associated with a Solent chop/wind over tide are not good either. Fitting the Ω -series can help to meet the legal requirements for commercially operated vessels and add to the comfort and safety of leisure boats.

However, it is not always feasible to fit mechanical systems onto existing craft, and in fact not all craft need them. This is often the case with boats operating and cruising inshore or coastal waters or on lakes and rivers where they are unlikely to see wave shocks above the 5 “g” levels.

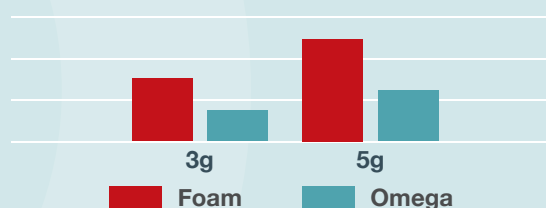
The Ω -series has been specifically designed for boats operating and cruising inshore or coastal waters or on lakes and rivers where they are unlikely to see wave shocks above the 5 “g” levels. Extensive research and development has led to the seat insert system which has been tested on Sea Sure’s in-house drop test rig and test RIB on the Solent. Should any water get in, the system drains immediately (unlike foam where water ingress reduces performance).

Fitting is straightforward into new and existing boats. Ω -series units are tightly packed and glued in place before upholstering. They can be retro-fitted to existing seats (speak to a local marine upholsterer).

The Ω -series is a cost-effective solution to EU regulations and MCA guidelines.



“g” force comparison



“g” force vs time in ms

