

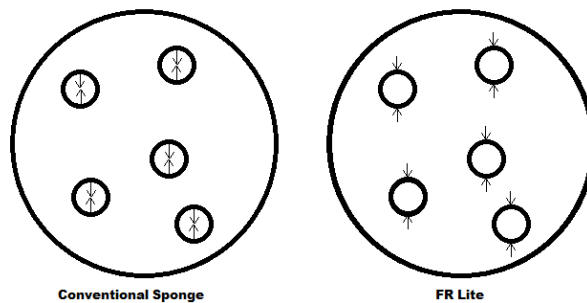


### Equivalent performance, 25% less weight

With the ever-increasing focus on fuel consumption and therefore weight reduction, we have responded to industry demand by developing a new, lighter silicone material which retains the performance levels of existing high-specification fire retardant solid silicones.

FRlite™ is an innovative silicone that uses novel compositions and syntactic technology to reduce part weight by an unprecedented 25%. The material is laboratory tested, with validation to the most relevant industry specifications (CS/JAR/FAR). Using existing manufacturing technology, we can supply light weight versions of seals, grommets, arm rests, gaskets and washers as well as bespoke rubber mouldings.

Unlike closed cell porous sponge materials, this material utilises a self-reinforcing porous structure to reduce the density, without compromising on the characteristics of solid rubber. The porous structure resists collapse, so load is transferred through the bulk of the elastomeric material as with conventional solid rubber.



This lighter material retains the load-deflection and compression characteristics of solid rubber, this gives the opportunity to utilise shape factor for engineering solutions.

