

UK's largest warship benefits from GRE pipe



GRE composite (FRP) pipe is on average 1/6th the weight of comparable metallic pipe, and was the quality lightweight solution responsible for saving **389 tonnes** of weight for the UK's largest warship built to date, [HMS Queen Elizabeth Class Aircraft Carrier](#). Fully compliant with stringent MOD technical specifications, GRE pipe is proven for use on naval ships, whilst also providing significant through-life cost savings as it is virtually maintenance free.

Our FRP phenolic grating has also been specified for all the carrier flight deck walkways, providing a low weight alternative to steel with minimal maintenance required. Pipex phenolic resin technology ensures the FRP grating will not degrade when subjected to aircraft hot exhausts.

The UK's largest marine companies are benefitting from the structural integrity of our FRP composite materials, expert engineering & technical support. The most recent example of this is [GRE Pipe solutions for exhaust gas scrubber systems](#).

[Click here](#) for a full insight of our contribution to the marine and naval industry so far...

Website: www.pipexpx.com