

## Case study

---

### Pipe support upgrade



PTFE Pipe support



#### **Industry - Oil & Gas**

We serve the Oil and Gas industry with a wide variety of components designed to withstand the most extreme pressures and temperatures including applications such as sub-sea constructions yards, platforms and process plants.



Fluorocarbon can provide NORSEK M-710 approved materials.



The client had specified a flat plate of plastic material on which fluid transfer pipes would rest. The purpose of the plate was to allow thermal movement of the pipework whilst isolating these forces from the supporting structure.

Fluorocarbon recognized that this was an unsatisfactory solution as the plate would experience a high point load and there was risk of movement of the plate over the substrate if not properly secured. Movement forces couldn't be guaranteed to remain isolated over the life of the structure and the likelihood of premature failure was high.



Fluorocarbon engineered pipe supports consisting of PTFE pads bonded to stainless steel backing plates. These were used with a mirror finished stainless steel counter bearings which could be secured to the pipework. This permitted the free movement of pipework and the isolation of expansion and contraction forces from the supporting structure.

Find out how Fluorocarbon can help your company improve efficiency and save money at [www.fluorocarbon.co.uk](http://www.fluorocarbon.co.uk) email [info@fluorocarbon.co.uk](mailto:info@fluorocarbon.co.uk) or call us on 0845 2505 100