



(FRP Impact protection covers to shield vulnerable components from damage on a subsea oilfield pipeline manifold)

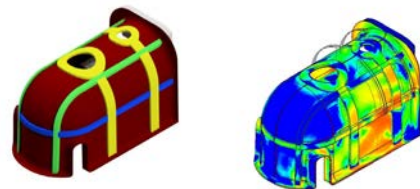
Advanced Subsea Solutions

Pipex px[®] Fibre Reinforced Polymer (FRP) materials are ideal for use in harsh subsea marine environments due to their significant weight reduction & superior corrosion resistance. Cathodic protection is not required & maintenance is minimal, offering a cost effective solution.

Pipex px[®] is able to design, engineer and fabricate a range of bespoke FRP impact protection systems for subsea applications that provide a variety of project benefits including:

- Easier and faster deployment offshore
- Lower cost vessels with smaller cranes required for installation
- Reduced requirement for buoyancy

- Larger one-piece structures in FRP – to significantly improve access to subsea equipment for faster maintenance interventions
- Low weight hatches and covers opened using airbags (no compensated tugger lines from overhead vessels)
- Facilitate diverless operations, using ROV only



(Advanced composite design & manufacture for Subsea impact protection covers)

Advantages of Subsea Impact Protection Systems



Corrosion resistant



Lightweight



Fast to install



Low maintenance



Pre-fabricated off-site



Strong & durable



(DURAGRID® FRP Grating Impact Protection System)

FRP Impact Protection Panels for Subsea Manifolds



Pipex px® Subsea Products:

- Subsea dropped objection protection structures
- Cocoon & Shroud® - Fishing gear protection
- Pipe bridges
- Manifold and template secondary structures (eg doors, internal structures)
- Mudmats
- Pipeline protection structures
- Custom design & build structures
- Cable Protection Systems

Hinged Access Subsea Impact Protection System



In-house design & build:

Our concept design & manufacturing is supported by expert engineering & specialist fabrications departments, offering packaged project solutions from design through to install, including:

- 3D laser surveys & dimensional control
- Finite Element Analysis (FEA) - including static & dynamic analysis
- Innovation, Research & Development
- Global Field Service Engineering & Installation
- Project Services - APMP qualified project managers
- Large, off-site build facility dedicated to advanced manufacturing & precision engineering

Pipex px® Patented FRP Cocoon & Shroud® Protection System



Speak to one of our experts today:

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