AIS

Subsea

Piggyback system

Clamping solutions for the pipeline

A pipeline laying operation may have a requirement to simultaneously lay a small diameter service line or umbilical. During the installation, to ensure that the secondary lines are adequately supported between surface and seabed, they may be attached to the main pipeline using a clamp arrangement. This attachment method is known as piggybacking.



Subsea

Piggyback system

The piggyback system is a pair of "snap-together" two-piece injection moulded marine grade polypropylene saddles. The pieces are fixed in position by a highly corrosion-resistant Alloy 625 circumferential banding strap. It also has a sealing assembly using a unique technique to ensure no movement in the seal.

For post installation of the secondary line the diver-friendly piggyback guide was designed to improve safety. The guide uses edge treated banding and an updated fastening system which eliminates sharp edges reducing the risk of cuts to the diver. The innovative design reduces handling and improves installation efficiency and time enabling significant cost savings while increasing diver safety.

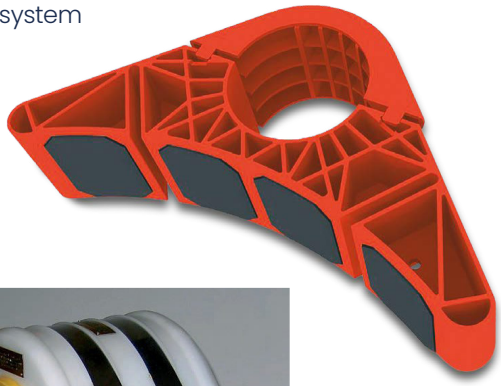
Benefits

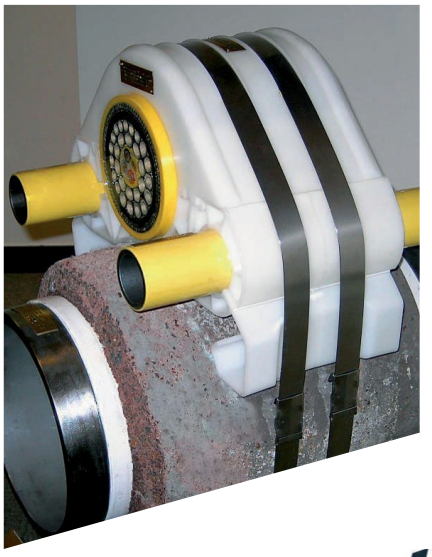
- Durable
- Easy installation of the secondary line
- Excellent impact and abrasion resistance
- Long term service
- Light weight
- Minimal creep
- Minimal deformation
- Tough

Applications

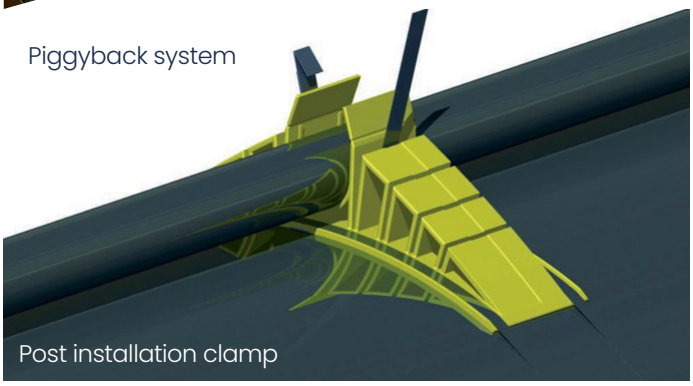
- Cable
- Pipeline

Piggyback system





Piggyback system



Post installation clamp



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