

Lankhorst Clearance Protector



Lankhorst's Clearance Protection system consists of cylindrical half shells moulded from high impact resistant polyurethane (PU) or polyethylene (PE) material, and is available in a wide range of inside diameters, lengths and clearances. The system is designed to provide clearance between two cables or pipelines when they cross each other, as an alternative to concrete mattresses or rock dumping.

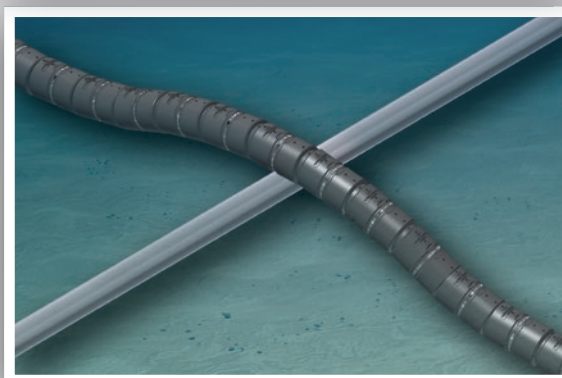
The system can be installed during the normal pipe-lay operations, removing the need to bring in a separate vessel to cover the pipe. The Lankhorst Clearance Protector system is designed to be safe to handle and fast to install. The design features interlocking half shells to provide a close fitting protection around the pipeline, whilst also ensuring alignment during installation.

Leader in Offshore Engineering Solutions

Design Features

The clearance protection system is secured using either corrosion resistant Alloy 625 or glass filled nylon strapping, placed in recesses on the product during installation. These recesses ensure an even spacing of the strapping along the pipeline without measuring along with a smooth consistent outer diameter.

To meet the requirements of different offshore applications and environments, the Clearance Protection System products are available in a range of standard grades of Polyurethane and Polyethylene. All high performance PU and PE compounds used in production have been subjected to extensive testing and trials to ensure optimum performance in the demanding marine environment. Specific material formulations with custom properties can also be made available. A range of testing can also be carried out at Lankhorst's in house testing facilities on both the material and also the end product. Demonstration of the bending radius of the product can be executed as required.



References

Examples of recent projects of our Lankhorst Clearance Protectors are:

- ENI – Zohr
- Offshore wind farm Kriegers Flak



Lankhorst Offshore

Lankhorst provides high-quality engineered products for offshore risers and flow lines. With their unique thick-walled plastic production technology, they can supply innovative high-performance products to meet the demands of the offshore industry. From piggy back blocks and clamps for laying pipelines and vortex-induced vibration suppression riser protection, through to bend restrictors and buoyancy aids, Lankhorst's precision engineered components deliver outstanding performance in the most demanding subsea environments. Clients can rely on their proven track record having delivered hundreds of projects all over the world, from the most northern platforms to the deepest waters.