

A photograph showing a bright yellow cable protection system being installed on a dark, textured surface underwater. The system consists of a blue connector at the top, followed by a yellow sleeve that fits over the cable. The background is a dark, rippling blue-green water surface.

Integrated protection system

NjordGuard

NjordGuard is an innovative cable protection system designed and developed to protect offshore windfarm power cables in both monopile and J-tube applications.

DIVERLESS INSTALLATION AND REMOVAL

In order to improve safety and reduce installation complexity, NjordGuard can be installed, removed, and reused without Remote Operating Vehicles (ROVs) or diver intervention.

MONOPILE AND J-TUBE CAPABLE

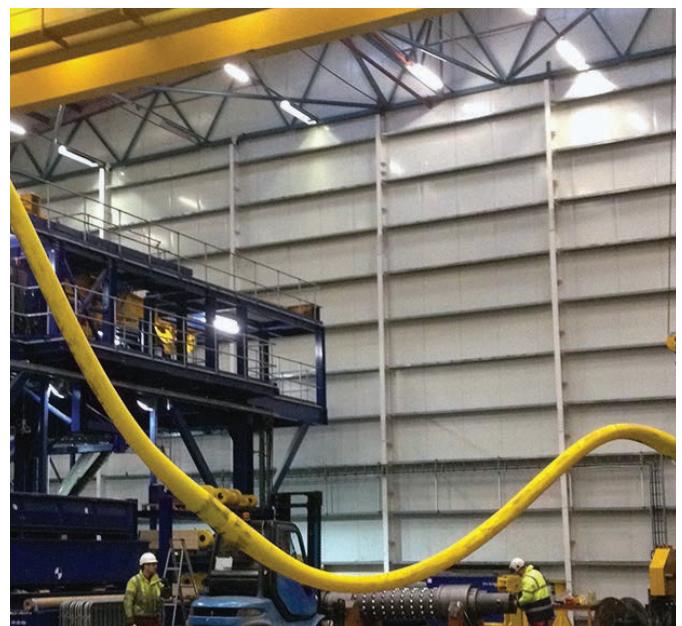
The NjordGuard design permits both a monopile and J-tube installation for wind turbine generators and offshore substation platforms without procedural variation.

INTEGRATED AND CONFIGURED FOR MINIMAL ASSEMBLY EFFORT

NjordGuard requires only minimal assembly; the primary external dual stiffener is factory cast directly onto the connector. The internal stiffener can be supplied pre-assembled; only the external tail need be attached with CRP Subsea's novel connection system (patent pending).

APPROVED MATERIALS

NjordGuard uses API 17L certified Uraduct® material for both internal and external components. Uraduct® has an established reputation as the industry standard for cable and flowline protection.

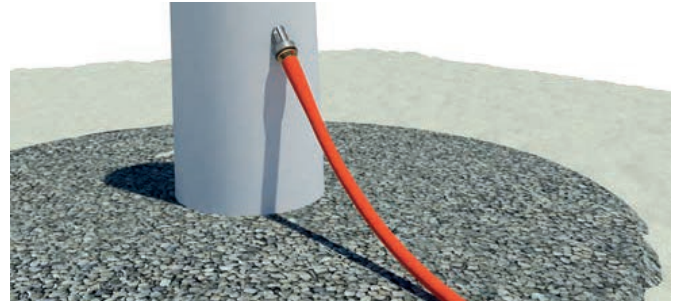


Benefits

- Diverless installation and removal
- Integrated system, with minimal assembly
- Smooth outer surface designed to reduce drag and snagging risk
- Utilises API 17L certified Uraduct® material with class leading impact and abrasion resistance
- One design for monopile and J-tube installation
- Easily extendable and suitable for any diameter

Applications

- Wind turbine generators
- Offshore substation platform



CRP Subsea delivers innovative and reliable offshore solutions that maximise business performance to meet your needs. Our dedicated and highly skilled staff are always on hand to provide seamless process support from initial idea, through to delivery and beyond.