



Uraduct®

Uraduct® provides a high performance technical and cost effective protection solution in comparison to alternative methods such as rock dumping or concrete matressing.

Uraduct® is a patented product designed and developed by Trelleborg Offshore. It has established an enviable reputation as an industry standard for cable, flowline and riser protection. An intensive investment programme has resulted in Uraduct® becoming the universal protection system for fibre optic cables, power cables, umbilicals, flexible flowlines, rigid flowlines, risers, hoses and bundled products.

landings or cable/pipeline crossings, Uraduct® provides a high performance technical and cost effective protection solution in comparison to alternative methods such as rock dumping or concrete matressing.

Uraduct® comprises of cylindrical half shells moulded in a range of thicknesses from the most applicable grade of high performance polyurethane. The half shells overlap and interlock to form close fitting protection around the core product. For ease of handling and transportation, Uraduct® is manufactured in lengths of up to 2.0m with flexing characteristics to suit the required minimum bend radius of the product or ancillary shipboard lay equipment. Uraduct®, a custom made system, is manufactured to suit the core product with internal diameters ranging from 15mm up to 950mm.

Recent innovation programmes and client requests have led to a number of key product developments in the Uraduct® range. We now offer a 'multi-fit' Uraduct® design which will accommodate a larger range of core product sizes. This solution assists our customers in situations where exact core product sizes are likely to vary or are unknown.

The half shells are secured in place using pre-cut corrosion resistant banding. The banding is located in recessed grooves that not only ensure a smooth external profile allowing passage through cable engines etc. but also eliminates the need to measure the band spacing. The assembly of the system is quick and efficient, being applied simultaneously with product installation. This is a significant benefit in weather dependent industries such as the oil and gas and submarine telecommunications industries.

Uraduct® also differs from many alternative protection methods in that it becomes an integral part of the cable, riser or pipeline and is a fully tested system with a proven track record.

Extensive use in the oil and gas industry by most leading oil companies has made Uraduct® the automatic choice for aiding "crossing acceptance" where submarine telecommunication cables or power cables cross existing pipelines or cables. Uraduct has been specified on an ever increasing range of projects, from flexible riser touchdown over coral seabeds to protection of small fibre optic cables where burial cannot be achieved.

Although Uraduct® was originally designed for harsh offshore conditions, many of our customers appreciate how the protection properties of Uraduct® can also meet the needs of land based projects where operating conditions can be just as onerous. No other protection method can deliver the level of all round protection combined with the economic benefits associated with a Uraduct® installation.



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