



CABLE JOINTS, CABLE TERMINATIONS, CABLE GLANDS, CABLE CLEATS
FEEDER PILLARS, FUSE LINKS, ARC FLASH, CABLE ROLLERS, CUT-OUTS

11KV 33KV CABLE JOINTS & CABLE TERMINATIONS

FURSE EARTHING

www.cablejoints.co.uk

Thorne and Derrick UK

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Roxtec

Oil and Gas

Cable and Pipe Transits



We Seal Your World

Certified protection

Roxtec's sealing system has been tested and approved for use in constructions onshore and offshore, to protect people and investments.



Our Roxtec cable and pipe transits help to ensure operational reliability by protecting from hazards induced by water pressure, fire, jet-fire and gas, and by minimizing the risk for explosions. In addition, a special EMC version can be used to prevent electromagnetic disturbances from interfering with equipment. Since certification is constantly updated, please contact us for further information.

- Protection against Fire, Smoke, Gas, Water, Vibration, Noise
- Certified for land based applications acc. to EI 60, 90, 120
- Certified for A class and H Class sections, IMO 754(18) and Marine Equipment Directive (MED)
- Certified for Ex/ATEX environments
- Certified for use in IP rated equipment
- Continuous product research at own Fire Test Laboratory

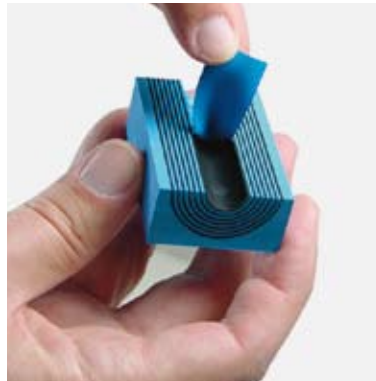
Professional sealing solutions



As the biggest supplier of modular seals in the world Roxtec knows what really counts: top quality products for safe protection and well engineered solutions for practical use.

Properly sealed

The Roxtec cable and pipe seals are used in upstream and downstream applications, such as Drilling Rigs, Production Platforms, FPSOs, in Refineries, LNG industries, MCC buildings and Switchgear. Wherever cables and pipes pass through hazardous environments, any openings in constructions, cabinets and equipment need to be properly sealed.



Flexible system

Our solutions consist of a frame with adaptable seals inside. The frame is attached in the construction, and cables or pipes are sealed in the frame by tightening the solution. Roxtec is a flexible sealing system. A wide variety of cables and pipes of different sizes, can be sealed. To match our customers requirements and needs, frames are available both for rectangular and round openings.

Multidiameter™

The Roxtec technology Multidiameter™, based on sealing modules with removable layers,



adds a unique flexibility to our system. Thanks to this adaptability, it is possible to handle cables or pipes of different sizes with individual Roxtec seals simply by peeling off layers.

Benefits

As our technology also handles local variations of the dimension of cables or pipes, Roxtec will always fit to make a safe system.

Already installed Roxtec seals can be opened for adding new cables or pipes. This is another unique feature of our system. We call it future included.



Roxtec applications in oil and gas industry

Shown here are examples of applications where Roxtec adds value and helps protect infrastructure within the oil & gas industry.

Roxtec G 6+6x4 transit for fire-proof installation in compressor room.



Roxtec RS 68 entry seal for vibration dampening of pneumatic pipe through steel bulkheads on a production platform.



Roxtec CF 16 Ex transit in cabinet. Installation in petro-chemical industry for protection to minimize the risk of explosions.



Roxtec G 8+8x3 transit for fire-proof installation in refinery between outside to inside of control room.



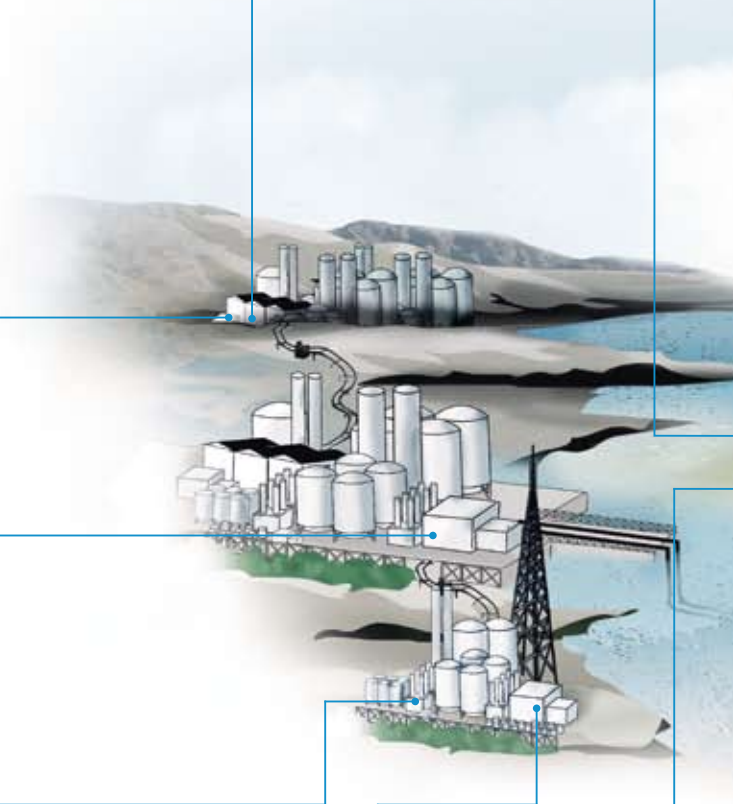
Roxtec R transit for fire-proof installation in floor of substation at an onshore rig.



Roxtec EMC transit in floor of cabinet for shielded installation in onshore rigs.



Roxtec S 6x2 for weather proofing and vibration dampening in machine room wall of offshore crane on a production platform.



Roxtec RS 125 entry seal handling hydraulic pipe through steel sections onboard an FPSO.



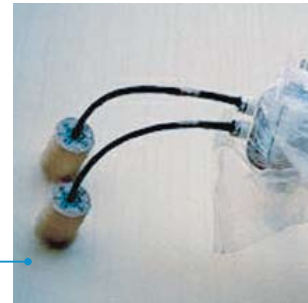
Roxtec S 6x1 frame transit for fire seal proofing of cables through bulkhead onboard an FPSO.



Roxtec R transit for passage and vibration dampening of several pneumatic pipes to door systems on drilling rig.



Roxtec RS entry seals securing weather tight installation of cabling to external lamps of a drilling rig.



Roxtec SK 6+6x5 transit fire-proofing installation of power cables to the columns in drilling rig.



Roxtec S 6x1 for pressure-proof passage of copper pneumatic pipes in bulkheads onboard an FPSO.



Roxtec S 6x2 transit for fire-proof installation from outside to inside of the living quarters on a drilling rig.

Design and engineering at your service



Our sales people and technicians are happy to assist you quickly with everything from information about our products and solutions, to hands on design and engineering whenever needed.

Supplier integration

A typical area where we can help is supplier integration. Say a customer has ordered a compressor unit to be installed on site. Here, Roxtec can make a difference by facilitating the connection of cables to the compressor and to avoid surprises and costly redesign.

Our technicians can suggest to the compressor manufacturer to use a flexible Roxtec cable entry seal in the compressor equipment, as a standard. This allows for easy installation of different types and



sizes of of cables, resulting in less overall trouble and considerable less cost.

With the latest technical facilities and resources at our hand we can guide you all the way through a project, from design to final installation and quality validation.

- Local support with domestic staff and sales engineers
- Our own R&D Fire Lab at headquarters in Sweden
- Roxtec Transit Manager software (RTM) to simplify the planning of cable and pipe transits

We support you globally

We have a network of representatives in more than 70 markets worldwide. Whether you require our products for a new construction or maintenance of an existing project, we are there to guide you right. Our products are directly available from local stocks for fast deliveries.

Installations matter

High safety standards need two

components: certified products and correctly made installations. We can make a difference in both.

On every local market we offer installation training for professional installers. We believe that safety is not only a matter of matching up to technical requirements. It is also about practical skills. Contact us for more information.



Among our customers you find:

ABB , ADNOC , Agip, Alstom, Amfels , Aramco , BP, Chevron , CNOOC, Daewoo, Exxon Mobile, Flour Daniel, Foster Wheeler, GE, Hyundai, Hydro, INOC, KBR, Keppel Fels, Occidental, Petrobras, Qatar Gas, Qatar Petroleum, Ras Gas, Saipem, Samsung, Shell, Siemens, Snamprogetti, Statoil, Technip, Technomare, Total.



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