Cable and pipe seals
FOR MILITARY APPLICATIONS
Why use Roxtec?

Roxtec sealing solutions for cables and pipes are used by companies specializing in military vehicles, buildings, and communication systems. The flexible Roxtec system is also used within the robotics and aerospace sectors.

**Gain efficiency**
The sealing system is designed to protect life and equipment and to ensure efficiency from the design process through to maintenance. It is specified as the standard safety solution in demanding projects and tough challenges worldwide.

**Ensure reliability**
Our seals are used for applications requiring high safety in nuclear power plants, petrochemical projects and pressurized contamination controlled areas. Standardize with Roxtec to ensure fire wall tightness and maintain vehicle hull integrity – if you want to increase safety and operational reliability.

**Get customized solutions**
We tailor solutions according to the needs of customers, designers and manufacturers. One of many examples is the bullet-proof cable entry utilizing ceramic material to protect life and assets.

**Benefit from our services**
We have extensive design, engineering and R&D resources as well as advanced test and fire labs. We are present worldwide to help you reduce risk and save time and money, with services such as installation training onsite.
Our free, web-based tool, the Roxtec Transit Designer™, simplifies product selection and improves the entire process of designing, purchasing and installing cable and pipe transits.

**TESTED AND CERTIFIED**
- Gas-, dust- and watertight
- Fire- and explosion-proof
- Pull-out and blast load safe
- EMI shielding
- Vibration damping
- Mechanical noise insulation
- Customized solutions
Why use Roxtec on vehicles?

**Combine safety and simplicity**
Roxtec seals are used in tactical wheeled and tracked vehicles as well as in light mobile artillery equipment used in very rough terrains. The seals protect against blast load and gas while damping vibration. The low weight contributes to fuel efficiency and you can upgrade in the field without extra parts or special tools.

**Standardize for flexibility**
Our seals cover the needs of light and heavy trucks, ambulances, vans and mine resistant ambush protected vehicles (MRAP). One standard solution, suitable for all variants of a vehicle, keeps stock at a minimum. You can install multiple cables in each frame reducing the number of holes and securing the integrity of the V-hull.

**Renew the existing fleet**
Roxtec solutions exist in practical versions for easy retrofit. The frames can be installed around existing cables, which simplifies a lot for companies specializing in refurbishment of vehicles. An entire fleet can easily be modified for other uses.
Why use Roxtec in buildings?

Upgrade – anytime
The Roxtec system is adaptable to fit cables and pipes of different sizes. It works with materials and structures of varying thickness and provides built-in spare capacity for quick design changes. You can open up a Roxtec seal in a shelter, add cables for new systems, technologies or equipment, and reseal again.

Secure communication
Roxtec seals are perfect for cables and optical fiber in radar, telecom and satellite systems. They protect electronic equipment from humidity and fire in control cabinets, communication nodes, towers, mobile units and on vehicle roofs.

Protect from EMI
Roxtec offers solutions for potential equalization, electromagnetic shielding and lightning protection. Roxtec also makes it safe and easy to install pre-terminated cables with military standard connectors in small areas filled with equipment. As you do not have to cut cables and re-attach connectors, you avoid dB losses.

Cover all buildings
Reliable sealing is important in hospitals, data centers, bomb shelters and underground rooms for command and control of forces. Our seals are ideal for military buildings as well as for pipes in blast walls in underground facilities.

EMC SOLUTIONS
- High shielding effectiveness for radiated interference
- High current surge capability for impulse currents
- Ability to withstand constant ground currents
Roxtec brings safety to the field

Our seals represent certified high performance. In the picture, you can see how Roxtec seals are used for applications in vehicles, communication systems and buildings.
Radar control cabinet: Roxtec CF 32 is used for sealing cables to radar systems.

Communication nodes: Roxtec KFO cable entries in non corrosive and light-weight materials. Suitable for shelters and containers.

Hydraulic pipes/pneumatic tubing: pipes in mobile equipment sealed with Roxtec S frame.

Internal equipment: sealed entries for power cables to vehicle from batteries and generator trailers.

Motor cable entry: efficient customized sealing solution against water and flooding, keeping tight when the truck drives through deep waters.

Roxtect BG™ solutions: for efficient bonding and grounding of metal clad or armored cables.

Roof-top cable entry: blast load-proof Roxtect R™ used for pre-terminated antenna cables.
Local presence worldwide

Roxtec is the world-leading provider of flexible sealing solutions for cable and pipe penetrations. Our adaptability solution, Multidiameter™, is based on modules with removable layers. It seals perfectly, regardless of the dimension of the cable or pipe. We are present all over the world in order to ensure product availability as well as quick support and supply.

Sweden, Roxtec International AB, HQ
Argentina, INGiar Representaciones SRL
Australia, Roxtec Australia Ltd
Belgium, Roxtec b.v.b.a/s.p.r.l
Brazil, Roxtec Latin América Ltda
Chile, FACOR Ltda
China, Roxtec Sealing System (Shanghai) Co. Ltd
Croatia, Roxtec d.o.o.
Czech Republic, Roxtec CZ s.r.o
Denmark, Roxtec Denmark ApS
Finland, Roxtec Finland Oy
France, Roxtec France SAS
Germany, Roxtec GmbH
Hungary, Glob-Prot Trade and Service Ltd
India, Roxtec India Pvt Ltd
Israel, C&P Co. Ltd
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