



Cable and pipe penetrations
for contamination controlled
environments



Seals with multidiameter technology for cables and pipes



The Roxtec sealing system

Roxtec provides cable and pipe penetrations, based on the unique multidiameter technology.



Simple, adaptable and secure seals for cable and pipe penetrations, availability all over the world with fast deliveries: that is what we give our customers. The built in flexibility of our modular, and fully mechanical, sealing system saves time throughout the entire project, from the design phase to the installation and during future upgrades.

Multidiameter™ technology

One of our unique features is the multidiameter module. It consists of two halves made of a low outgassing EPDM-based rubber, and has removable layers and a center core. Thanks to the multi-layer technique, one single module can seal cables and pipes of several different diameters simply by peeling layers away from the module halves until a perfect fit is achieved. ■

We meet your needs

Our products are developed to meet the needs and requirements for a diversity of demanding industries.



Roxtec has an extensive experience in delivering sealing solutions for cable and pipe penetrations to a range of different industries. By working closely with leading companies within microelectronics and pharmaceuticals we are able to deliver standardized turn-key sealing solutions.

Operational reliability

Our products are commonly install-

ed in supply/utility areas, securing an undisturbed production by preventing leakage from cable and pipe penetrations. The system helps to ensure operational reliability by protecting from hazards induced by fire, gas, dust, water, vibrations or electromagnetic disturbance. Then add the benefits that come with the flexibility of the system and you have the optimum sealing solution. ■

Future included

Roxtec's transits can be opened and reconfigured at any time. With spare modules in the frame, future is included.

Thanks to the design our seals include spare capacity right from the start. This means that you can keep adding cables and pipes without adding cost. Your stock is right where it is needed – on location.

Easy maintenance

When retrofits or future expansion are carried out the spare modules are easily adapted to the correct diameter of the new cables or pipes. ■



Time saving

The flexibility of the system saves time and material through all phases, from design to maintenance.



Roxtec's multidiameter technology makes it possible to seal cables and pipes of a great range of diameters with just a few sizes of sealing modules. An installation can always be finished on site since the modules themselves compensate for any surprises or last-minute changes. Everyone in the project, from design to maintenance, will benefit and stocks can be kept low.

Kit solutions

We can supply our customers with specifically tailored and standardized kits flexible enough to handle a wide variety of cable and pipe configurations. The need for future expansion is considered to ensure that your solution will remain functional and adaptable for the life of the installation. ■

Area-efficient

Bulky cable and pipe entries are history; our transits minimize the inlet area.

Roxtec transits have a compact design for maximum area utilization. Each frame can accommodate a large amount of cables or pipes, creating an efficient use of valuable space and at the same time providing for a well-organized installation.

Less hole-cuts

Area efficient transits reduce the need for inlet hole-cuts, the strength of the structure retained. Apart from

strengthen operational reliability, less hole-cuts also means that time and labor can be saved. ■



Seals pre-terminated cables

Roxtec offers the unique possibility to pass pre-terminated cables through the transit.

Though compact, our transits have large internal openings making them ideal to use with pre-terminated cables. This is made possible thanks to our concept of frames and multi-diameter modules.

Stay in control

By using pre-terminated cables you are in total control. Full quality soldering and connections from the factory guarantee the undisturbed

function of your system. With pre-terminated cables you can calibrate, adjust and trim the system from the start. The time that can be saved is high. ■



Global support

We are wherever our customers are.

With an established network of representatives in more than 80 markets as well as subsidiaries in several countries, we take pride in being able to deliver local support where-ever and whenever it is needed. ■



Solutions for every application

Roxtec provides a full range of transits, for multiple cable and pipe penetrations as well as seals for single cables or pipes.



A Roxtec transit consists of a frame, sealing modules and a adaptable sealing units. The system is built to withstand high demands of functionality in different applications. Regardless of whether there are strict ratings for water and fire or installations in cabinets to protect sensitive equipment from environmental influences, Roxtec have the product.

Square transits

Roxtec provides several standard solutions for multiple cables and

pipes. These square shaped frames are welded, cast or bolted into the construction. They are available as a single frame and as combinations with several openings.

Round transits

Round holes require round seals, and Roxtec provides round frames and seals for multiple or single cables and pipes. They fit directly into core-drilled holes or slip into a sleeve that is welded, bolted, threaded or cast into the structure.



Compact transits

Different kinds of sheet-metal enclosures are common in cleanroom applications. The Roxtec line of compact seals is area efficient, providing perfect protection for equipment inside.

Shielded transits

The Roxtec EMC system is designed for applications where electromagnetic compatibility is of prime importance. The system provides a current path between cable shields and



ground. Even electromagnetic fields are stopped from passing the transit.

Custom made

We also provide custom made sealing solutions upon request. The modular-based system makes it possible to manufacture the frames in material, size and design according to your specific needs.

Please refer to our product catalog for technical information. ■



The Roxtec solution was born in an entrepreneurial spirit in 1990: a simple, adaptable seal that could solve the problems associated with cable and pipe penetrations. The rest is now history. Our transits have become a standard within multiple industries, and Roxtec is the largest supplier in the business of modular-based seals.

As established experts we have been given the opportunity to cooperate with leading companies in different industries, such as: ABB, ASTRA, Technip, ST Microelectronics...

Learn more about us and find your nearest Roxtec representative at:
www.roxtec.com ■



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