



Cable and pipe transits
brochure for industrial
applications

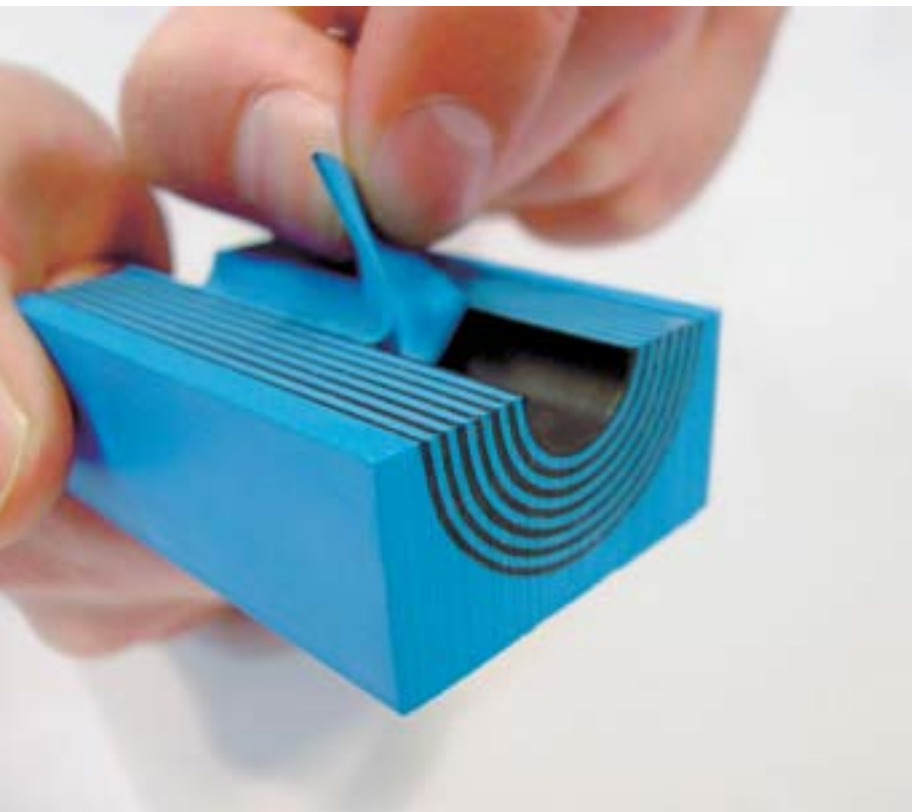


Seals with multidiameter technology for cables and pipes



The Roxtec sealing system

Roxtec provides flexible cable and pipe transits, 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 an 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. ■

Your needs in focus



Roxtec has extensive experience in delivering sealing solutions for cable and pipe penetrations to a range of industrial applications. Our products are installed in facilities and systems for power generation and distribution, cleanrooms, airports, trains, trackside equipment and industry automation.

Operational reliability

The system helps to ensure operational reliability by protecting from a wide range of hazards such as fire, gas, dust, water, explosion or electromagnetic disturbance. Then add the benefits that come with the flexibility of the system and you have the optimal sealing solution. ■

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 compression unit. The system is built to withstand high demands of functionality in different applications. Whether it is an installation in a cabinet to protect sensitive equipment from environmental influences or an installation with strict fire ratings, Roxtec has the product.

Standard solutions

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.

Compact seals

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

Round transits

Round holes require round seals, and Roxtec provides 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.

Shielded applications

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.

Please refer to our product catalog for technical information. ■

Practical benefits

By using Roxtec transits with multidiameter technology, you will gain numerous practical advantages.



In these days when time, costs and quality are top priorities it is not enough with a sealing system that only protects against different hazards. A functional system has to be designed in such way that it adds practical benefits – the Roxtec system does.

Time saving

The flexibility of the system saves time and material through all project 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 during the lifetime of the installation. ■



Future included

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

Our transits are designed to 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 and future expansions are carried out: open the system and adapt the spare modules to the correct diameter of the new cables or pipes. ■



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. Our line of compact frames have a low profile and are particularly suited for sheet-metal constructions such as cabinets. ■

One hole-cut

Area efficient transits reduce the need for inlet hole-cuts and retain the strength of the structure. Less hole-cuts also mean 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 at factory. The time that can be saved is high. ■



Global support

We are present in more than 80 markets worldwide, ensuring a local support – globally.

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 wherever and whenever it is needed. ■



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 the industry standard, and Roxtec is the largest supplier in the business.

As established experts we have been given the opportunity to co-operate with leading companies in different industries, such as: ABB, Alstom, ASTRA, BASF, Bombardier, General Motors, Hitachi, Rittal, Siemens, ST Microelectronics and Technip. ■



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