

Ensure safety and reliability

Roxtec cable and pipe transits are used by shipbuilders all over the world. Our sealing solutions bring superior protection and simplify modifications.

Certified protection

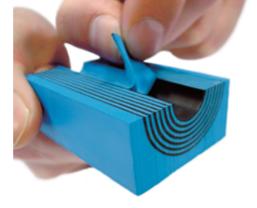
Our seals protect life and assets against risks caused by fire, gas and water and help you reduce vibration, noise and overall weight. Our seals are certified by all major classification societies.

Easy to use

Roxtec sealing solutions are developed to simplify design, speed up installation work and minimize the need for stock and logistics. With fewer items, you can keep down the total cost of ownership.

Efficient upgrades

Most of our transits are adaptable to cables and pipes of different sizes and materials. They also provide built-in spare capacity for quick and cost-efficient retrofit options, which is beneficial during the entire lifespan of a ship's operation.



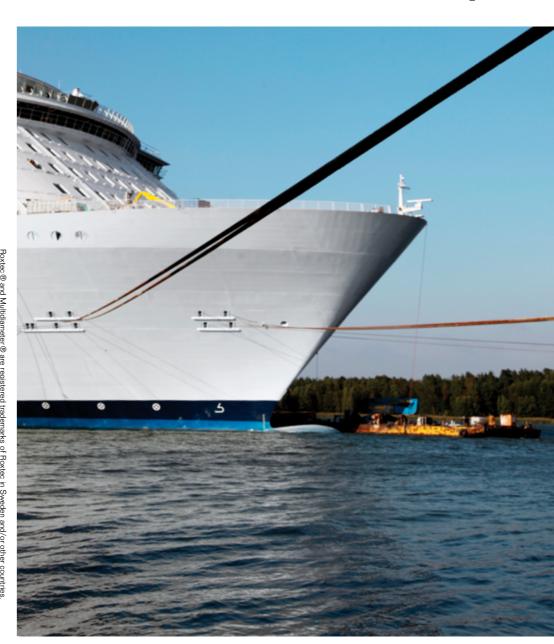
Local presence worldwide

Roxtec is the world-leading provider of flexible cable and pipe seals. Our solutions are used to ensure safety, efficiency and operational reliability. We are present on 70 markets worldwide in order to ensure local stock and product availability as well as quick support and supply.

Read more and find your local Roxtec representative on **www.roxtec.com**.



Applications for Roxtec transits on Cruise ships





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Roxtec solutions onboard Cruise ships

Discover some of the applications for our flexible cable and pipe transits.



Communication area

RFI-shielded EMC and fire safe solution for sensitive equipment

Values

- 360 degree contact protection
- Certified protection against fire. smoke and water
- Reducing any vibrations

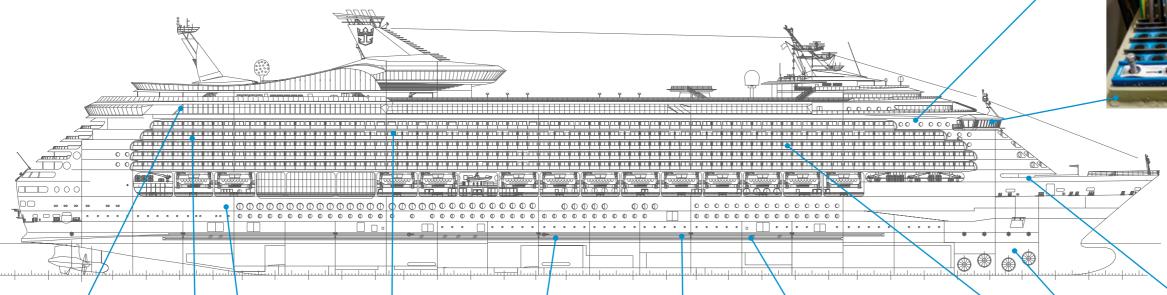


Bridge deck/Wheel house

Deck transit solution for

Values

- Flexible sealing solution
- Prepared for future





Outer lighting

Round seals for single wires mainly through outer bulkheads for external lighting installations

Values

- Area efficient lighting solution
- Fire- and water tightness
- MultidiameterTM by Roxtec - adapts to cables and pipes of different sizes through removable rubber layers



Steel-to-plastic pipe transitions

Transition collar to seal plastic pipe from fire when connected to steel pipe in a non-pressurized system

Values

- Light-weight solution
- Quick and easy to install ■ Can be installed
- horizontally or vertically
- Eliminates any need for 'hot work' during installation



Pipe transits for decks and bulkheads

Pipe seals for fire protection of openings mainly for potable, grey, black and chilled water systems in different pipe materials

Values

- Area efficient pipe
- solutions ■ Built-in capacity for future
- modifications/retrofits ■ Single-side installation even for plastic pipes
- Reducing pipe system noise and vibrations



Cabin areas - group penetration

Group penetration kit including steel plate with welded sleeves and round seals for different pipe dimensions

Values

- Simplifies installation ■ Area efficient solution
- Single-side transit for plastic pipes



Engine room Bulkhead and deck

penetrations

- Easy to install and modify during new building and retrofit
- Same module is adaptable to a range of diameters ■ Fire- and water-
- tightness ■ Available in EMC version



Engine control room

Compact seals to protect pre-terminated cables going in and out from cahinets

Values

- IP protected solution
- Area efficiency
- Built-in capacity for future cable modifications
- Available in EMC version



Bulkheads and/or decks

Round transit solution when there is a need for a limited number of cables or pipes

Values

- Area efficient solution
- Certified protection against fire, smoke and water
- Prepared for future modifications
- Reducing any pipe system vibrations



Above waterline deck and bulkheads

Round, light-weight fire penetration seals for plastic pipe to close off the penetration in case of fire

Values

- One penetration seal required to be fitted to either side of the deck or bulkhead
- Flexible and fast installation process
- No additional non-standard insulation required
- Ideal for new build and retrofit projects



Values

■ Vibration reduction

■ 360 degree contact

■ Certified against fire

protection

and water

Thruster area **Deck area transits**

IP and vibration protection of Round seal for hydraulic, motor inlet connection. Also pneumatic and other pipes available in EMC version

Values

- Certified protection against fire, smoke and
- Area efficiency
- MultidiameterTM by Roxtec
- Reducing any pipe system vibrations

