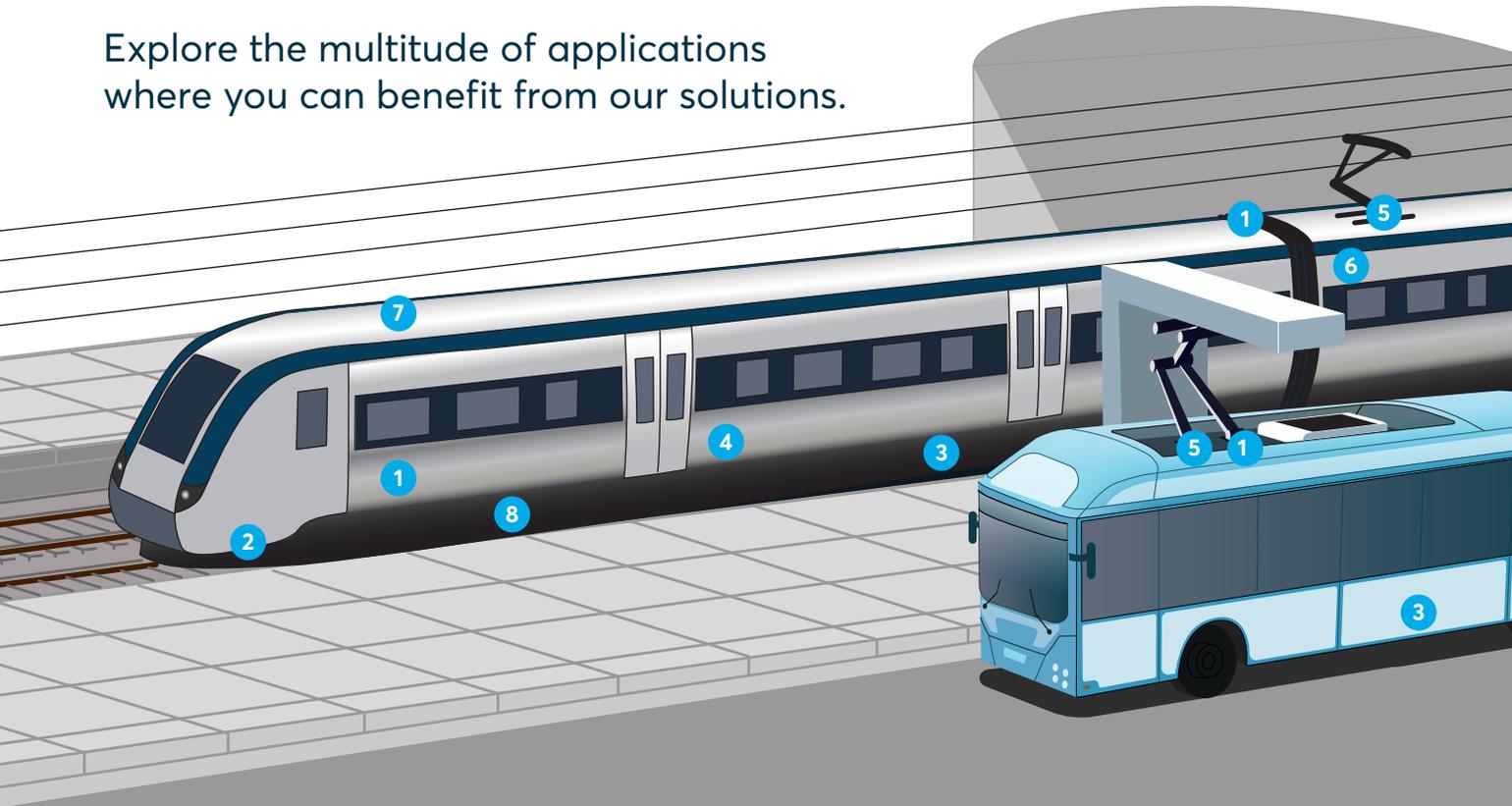


# Applications for Roxtec seals in rolling stock



# Roxtec sealing solutions for the rolling stock and e-mobility industries

Explore the multitude of applications where you can benefit from our solutions.



## 1. Cable management

The Roxtec sealing system is gentle to the cable sheath, and excellent for keeping cables in place to avoid damage. Simplify installation and maintenance by using our area efficient solutions.



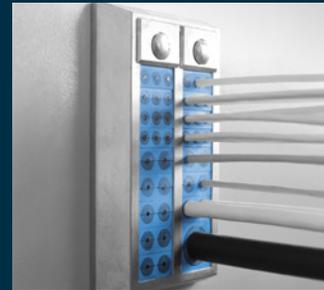
## 2. Converters and inverters

Roxtec compact seals are light-weight and quick to install, and they ensure peace of mind for years to come. The built-in spare capacity simplifies retrofits and upgrades.



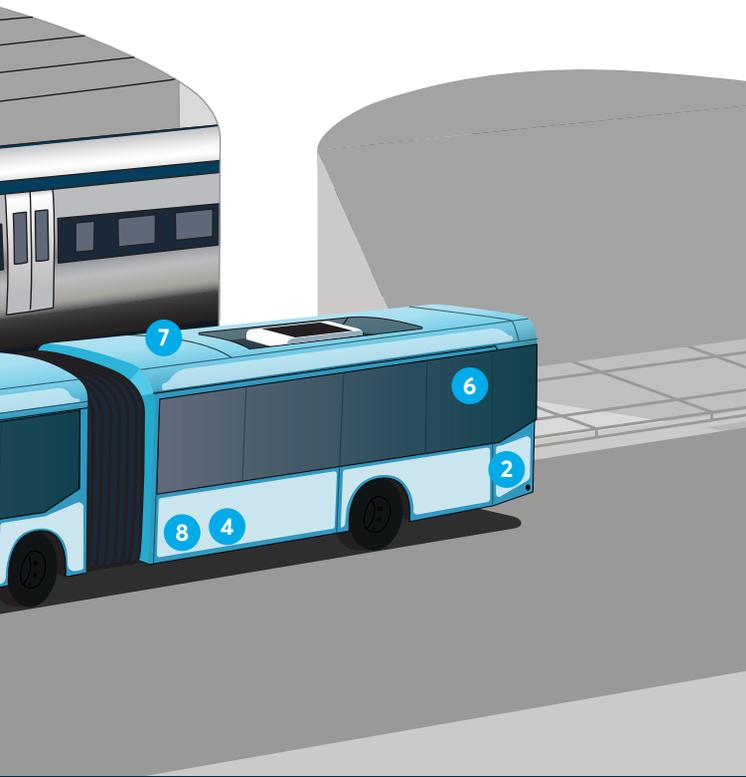
## 3. Floor

Roxtec bolted and welded transits are ideal for demanding floor applications. A wide range of frames with varying packing space and frame depth makes design work easy.



## 4. Junction boxes

Roxtec's area efficient, compact solutions allow for high cable density, which enables designers to reduce the size and weight of junction boxes. Use our flexible solutions to save time and ensure reliable operations in harsh and high temperature environments.



## Why use Roxtec?

- Firestop
- Vibration damping
- Watertight, dust-tight and smoke-tight
- Air-shock protection
- EMI/EMP protection

## Superior simplicity

- Easy and safe installation
- Flexible for cables, pipes and conduits of different sizes
- Customized solutions for specific requirements

## Tested and approved

- IEC 60529 up to IP66/67
- IEC 61373
- UL, NEMA, CSA enclosure rating 4, 4X, 12, 12K, 13
- EN 45545/2 according to HL3
- EN 45545/3 up to E60
- NFPA 130
- EN 15085

[roxtec.com/rollingstock](http://roxtec.com/rollingstock)



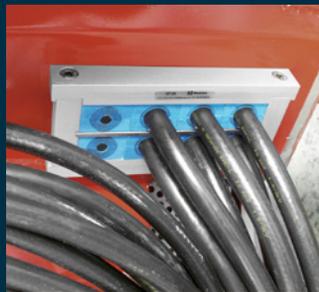
### 5. Pantograph

Roxtec solutions help you seal off and ground high-voltage power cables and ensure long-term operational reliability. Use round seals for area efficient installations and high environmental protection.



### 6. Partition walls

Roxtec seals are easy to install since each module is flexible and adaptable to cables, hydraulic pipes and plastic conduits of different sizes. Use our sealing solutions to maintain the integrity of the fire barrier.



### 7. Rooftop

Roxtec's seals for rooftop-mounted equipment ensure long-term reliability of air-conditioning systems, antennas, roof boxes and more. The flexibility and adaptability of the modular-based concept make retrofits and service an easy task.



### 8. Pipes

Roxtec's round and compact sealing solutions are ideal for the vehicle undercarriage to seal off around hydraulic pipes. Openable seals and one-way installation make them quick and easy to install.



# Ensure safety and operational performance

Standardize with Roxtec multi-cable and pipe entry seals to extend the lifecycle of your rail vehicles. Our pre-configured solutions are tested according to standards such as EN 45545:3 up to E60, EN 45545:2 HL3 and NFPA 130 in order to guarantee long-term protection against multiple risks. We can also create tailor-made transits according to specific needs and requirements.

## Find your transit on [roxtec.com](https://roxtec.com)

We are present worldwide as well as online to provide the best possible service and support. We recommend you to visit [roxtec.com](https://roxtec.com) where you can find certified cable and pipe transit solutions for more than 100 applications and benefit from the easy search functions for both sealing solutions and certificates. You can also simplify your daily work by using the free, online tool Roxtec Transit Designer™.

You are always welcome to contact us with any questions and requests.