



Gangway Replacement Product

from Unipart Rail

High performance components for extended life



Upgrade for existing gangways

Extended life of gangway

Direct replacement of existing fittings

Flexible and durable gangway diaphragms

Extended warranty options

Available in a range of materials to meet specific fire performance requirements

Grey or black colour options

The Gangway Replacement product includes diaphragms and faceplates that can be designed to fit a wide range of train fleets. Unipart Rail can carry out an initial assessment of the existing product and fixing points, create designs of the new gangway, organise the removal of the old materials and co-ordinate replacement with the new fittings.



Traditional rubber diaphragm bellows are prone to fatigue tearing and have a short life expectancy. This leads to subsequent water ingress that can corrode the vehicle structure and gangway components.

The Unipart Rail replacement diaphragm is a superior flexible material that can significantly increase product life and is simple and easy to fit using the existing mounting points.

The additional option of replacing faceplates with stainless steel components further increases the durability and service life of the new installation.

The improved gangway product has been fitted to a variety of rolling stock fleets that are now in service.

The Gangway Replacement Service provides the following customer benefits:

- Improved passenger environment with better sound proofing and reduction in heat loss
- Reduced maintenance and replacement costs with longer service life of components
- Improved weatherproofing to prevent water ingress
- Reduction in secondary corrosion to vehicle structural items
- Complete integrated solution as a single assembly for ease of fitment to vehicle
- Replacement can be included in light or heavy maintenance activities

Unipart Rail (Traction and Rolling Stock)

Jupiter Building, First Point, Balby Carr Bank,
Doncaster DN4 5JQ

Tel: +44 (0) 1302 731400

Fax: +44 (0) 1302 731401

email: trsenquiries@unipartrail.com



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