

TP 1000 Series Dock Seal options

Bottom Pad

When no dock leveller is used during loading and unloading, it is possible to mount a bottom pad at dock level to provide a complete four-sided seal between vehicle floor and dock. Available in vinyl and extremely strong Polyurethane.

Numbering

In the larger transshipment companies in particular it is desirable to direct the incoming lorries directly to the correct loading or unloading dock. To make this possible Stertil has number markings in its range of products, such as numbers for the upper cushion of the dock seal, or number plates for mounting on the outer wall, over the dock seal. This last option in particular is available because it will always remain visible even if a lorry is docked onto the seal. Stertil will be pleased to provide you with further information.

Colours

Dock seals are supplied in black as standard as this will be least susceptible to marking and discolouration from the vehicles. Other colours are available at extra cost upon request, but not recommended. Please contact our sales department for availability.

Stertil has a comprehensive range of dock products including:

- Curtain shelters and dock seals
- Mechanically and hydraulically operated dock levellers
- Vehicle restraint systems
- Wheel guides
- Dock bumpers
- Mobile yardramps

MANUFACTURER:

STERTIL B.V.

Po Box 23
NL-9288 ZG Kootsterille
Tel.: +31-512-334444
Fax: +31-512-332099
E-mail: info@stertil.nl
Internet: www.stertil.nl



A MEMBER OF THE KROYMANS A.R.M.-STORVIS GROUP

UK DISTRIBUTOR:

STERTIL UK LTD,

Stertil House,
Unit A,
Brackmills Business Park,
Caswell Road,
Northampton. NN4 7PW
Tel.: 01604 677384
Fax: 01604765181
E-mail: info@stertiluk.com

TP

DOCK SEAL

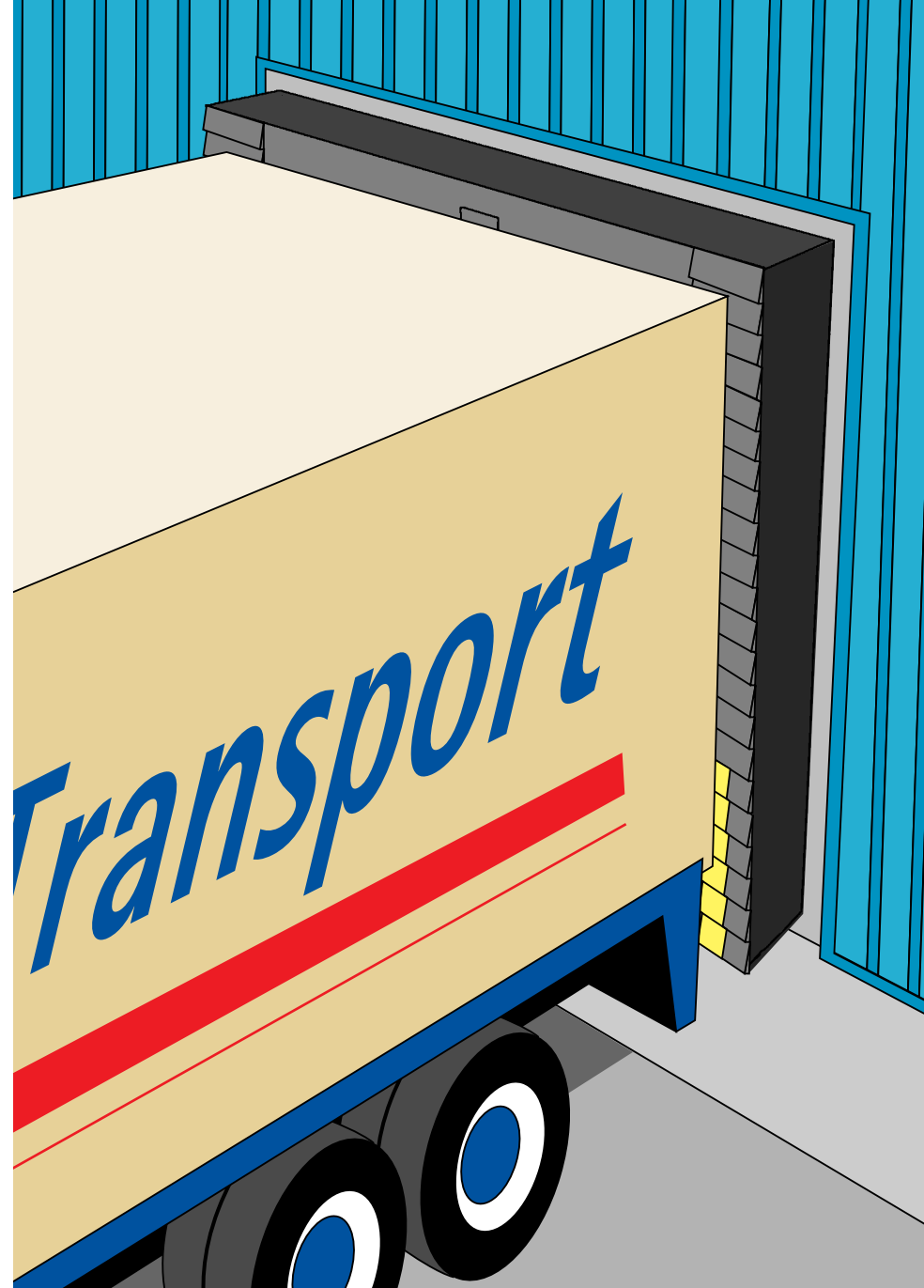


SERIES TP 1001 - TP 1003 CUSHION SEALS



TP

SERIES TP 1001/1003 CUSHION SEALS



Cushion seals: Good environmental control with a favourable period of cost recovery.

At loading docks where many vehicles of approximately the same height and width load and unload and where environmental control is important, the Stertil 1000 series offers the best available option. The cushion seals TP1001 and TP1003 provide a virtually airtight seal between the vehicle and building. Even the gaps between the trailer doors and bodies are sealed. Only a cushion seal design offers you this advantage. Draughts, summer heat, winter cold, dust, insects and other airborne pollutants are virtually excluded from your premises. This provides a considerable saving in energy costs and increase in productivity and safety. For security, this cushion seal ensures that no unauthorised personnel or goods can enter or leave the loading area

past a docked vehicle. Because of all these advantages and the relatively low investment the Stertil 1000 series provides a very cost-effective solution.

Aesthetically pleasing.

Because of its modest dimensions and unique design this type of cushion seal is an aesthetically pleasing choice, but it has more to offer than just a neat appearance. The materials used by Stertil are of the highest quality and extremely durable. This also gives you a very practical reason to choose the Stertil TP1001 or TP1003.

Certainty due to high quality materials.

The covers (1) of the TP 1001 and TP1003 are made of high quality vinyl, or of extremely highly wear resistant Polyurethane. The vinyl material strengthened with a fabric insertion is suitable for use in mode-

rate climates. (Vinyl loses its flexibility at temperatures below -10°C and it can break down at temperatures below -25°C). Polyurethane is eminently suitable for situations of extremely frequent use and /or temperatures below -10°C. This unique type of material was developed by Stertil's own staff, and has been tested extensively in co-operation with TNO. Only Stertil dock seals employ this tough material. The loading/unloading of vehicles causes them to rise and fall on their suspension springs which creates abrasion on the front surface of the dock seal. Wear pleats made of vinyl or polyurethane can be fitted to absorb this abrasion for high volume traffic flow situations.

The foam cushion (2) of the seal has a recovery rate of 98% and remains flexible in temperatures down to -40°C.

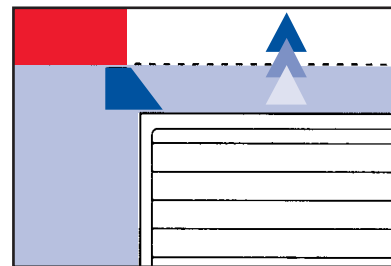
It is resistant to most solvents, chemicals, moulds and fungi. The seal covers employ ventilation exhausts vents to ensure rapid compression and decompression without problems. Bold guidance markings at the front of the seal side cushions are useful

points of orientation when reversing onto the dock seal. To reinforce this correct alignment we strongly advise the use of wheel guides. Except for the sub-frame the two basic models are identical. The TP1001 has a preserved timber back plate; the TP

1003 has a galvanised steel back plate (3). This latter type is usually used for loading docks in the meat processing and food industries where strict veterinary rules apply. The seals can - at your request - be produced in a bevelled or tapered form (see drawings).

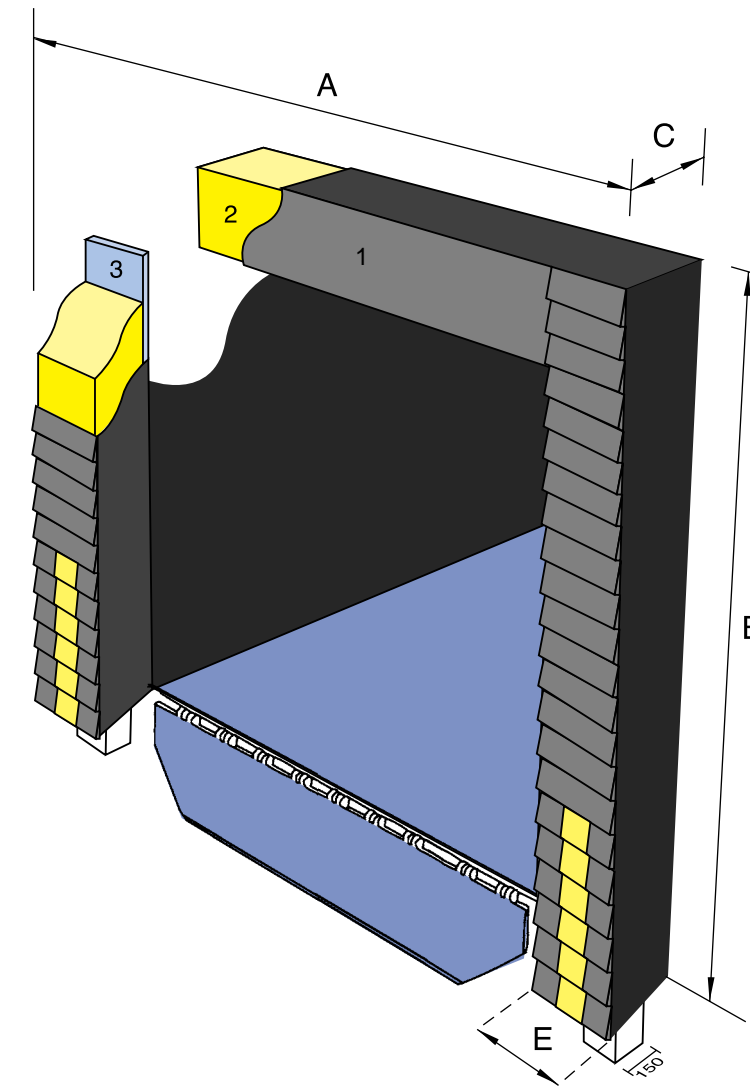
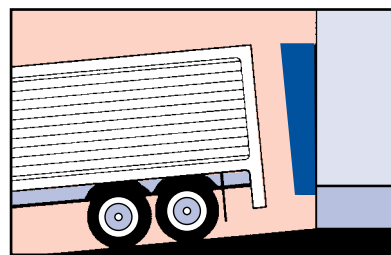
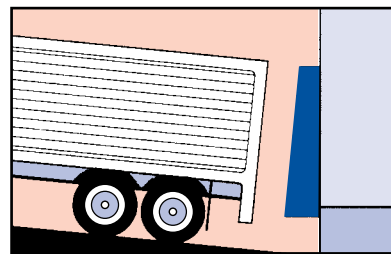
Some advantages of bevelled seals are:

- Even dispersion of pressure (both on the seal and on the structure wall).
- More space (because the inside bevel of the cushions allows the access opening into the building to be larger).
- By employing bevelled head and side pads it is possible to cater for a wider range of vehicles whilst retaining maximum accessibility to the vehicle.



Some advantages of tapered seals are:

- For optimal dispersion of pressure and perfect sealing, the dock seals with a sloping approach must be tapered.
- In addition this prevents a disproportionate loading on certain parts of the pads which would accelerate uneven wear.



Standard dimensions Model TP 1001/1003				
A	B	C	D	E
External width (mm) varies*	External height (mm) varies**	Depth (projection from outer wall) mm varies***	Height upper cushion (mm)	Width side cushion (mm)
between 2700 mm and 3100 mm	between 2600 mm, and 3100 mm	between 270 mm and 450 mm	300 mm 450 mm or 600 mm	300 mm 350 mm or 400 mm

* Dependant on existing lorry widths. ** Dependant on existing lorry heights. *** Dependant on sloping approach bumper

The above dimensions will suit the majority of road vehicles. Dependant on your specific loading and unloading situation, pads in other shapes and sizes are available. Our Sales Consultant will be happy to provide you with further information.