



PVC strip door



Installation

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1 Measure And Mark

Measure and mark the centre of the wall and headrail and the correct height on the wall where the headrail will be mounted

2 Position Level Headrail

Lift the headrail into position and align with the marks on the wall. Level the head rail and fix to the wall at the centre and at each end.

3 Attach The Headrail

Fix the headrail to the wall by using a battery powered drill and a self drilling screw or appropriate fastener for the wall material.

4 Hang The PVC Strips

Begin hanging the PVC strips from one end of the head rail ensuring the correct sequence, strip overlap and cover on the ends

5 Check The Floor Clearance

Assess the normal door traffic and operating temperature and check the strip clearance to the floor personnel 5 – 10mm, trolleys 10 – 15mm and forklifts 20 - 25mm.

6 Trim The PVC Strips

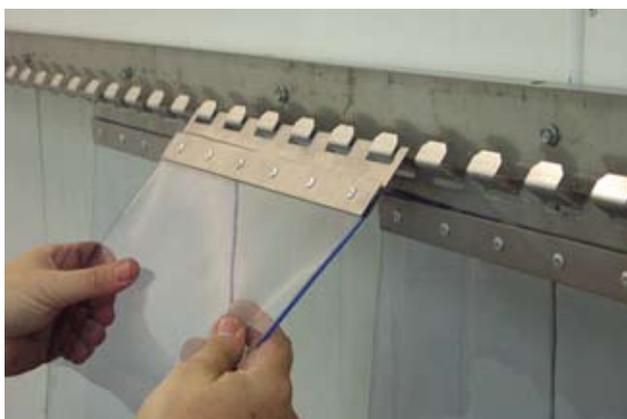
Using heavy duty scissors or a sharp knife and straight edge trim the PVC strips to provide the necessary floor clearance

7 Allow Strip To Settle In

Generally allow up to 60 days of usage for the strips to hang straight, stabilise in length, adjust to the temperature and for the static to dissipate.



Fixing the headrail to the doorjamb using a battery powered drill and self drilling screws



Hang the strips on the headrail ensuring the correct strip sequence, overlap and cover



Note the sequence of hanging the PVC strips, ensure the correct strip overlap and cover.

Attach The Headrail

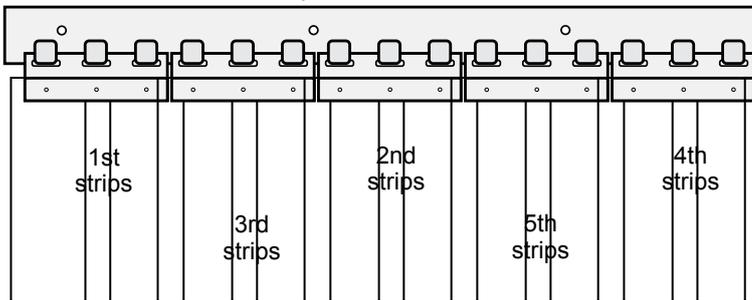
Fix the headrail to the doorjamb by using a battery powered drill and self drilling screws or appropriate fasteners for the wall material. Often it is necessary to join sections of the stainless steel headrail to achieve the length desired. Install the longest section of headrail ensuring it is level before it is fixed. Abut the following section of headrail to the first ensuring it is aligned with a straight edge and it is level.



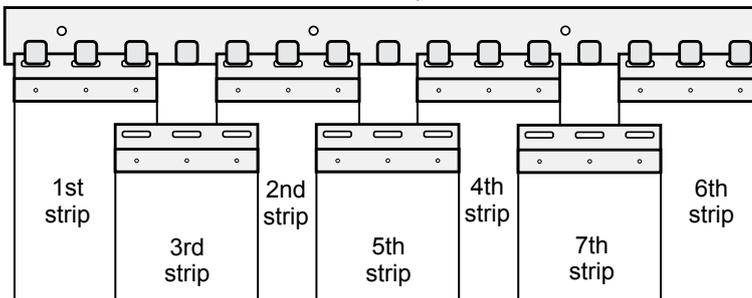
Installing The PVC Strips

The installation of the PVC strips should begin from one end of the headrail and follow the specified sequence. Attach the first strip, then leaving the necessary gap hang the second strip. Place the third strip over the first two ensuring the proper strip overlap and seal. Follow this sequence on the remaining strips. This sequence of hanging strips ensures that they can be easily removed and maintained.

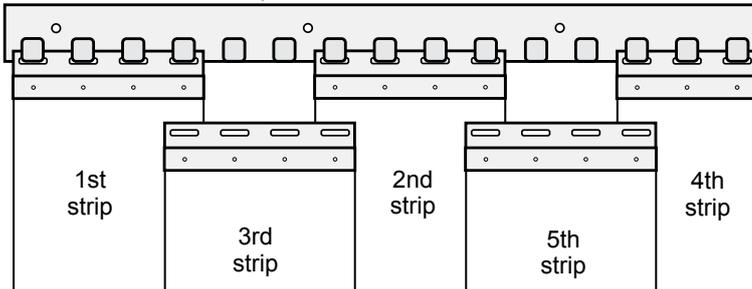
100mm Strips



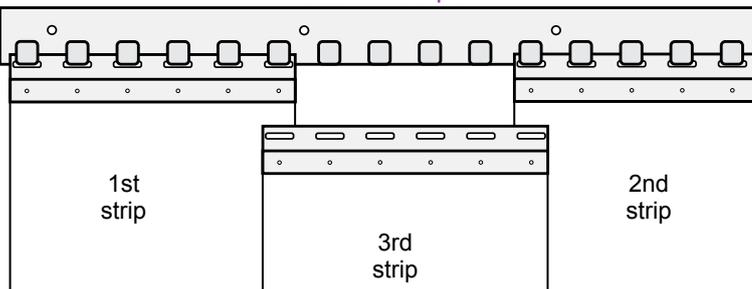
150mm Strips



200mm Strips



300mm Strips



Floor Clearance

Floor clearance is required to avoid strips being caught under the wheel of conveyancing equipment or tripping personnel. The clearance between the strip and floor is primarily determined by the type and frequency of traffic and generally varies between 5mm – 20mm. Ice build up and other materials may also affect the clearance between the strips and floor.

Personnel Traffic	5 - 10mm floor clearance
Trolleys Traffic	10 - 15mm floor clearance
Forklifts Traffic	20 - 25 mm floor clearance

Misaligned And Curved PVC Strip

When the PVC strips are first installed they may be slightly curved, hang off alignment and cling together. While PVC strips have a natural curve this may be further pronounced if they are exposed to large temperature variances (eg freezer). Newly installed strips tend to cling together due to the static from the new PVC material. The curl and static in the PVC strip will generally dissipate within 30 days of installation. Care should be taken when using newly installed PVC strip doors until the strips have stabilised and the static has dissipated.

Stretching or Shrinking PVC Strips

When a PVC strip is initially installed they will tend to stretch or shrink according to the temperature. In ambient temperatures and coolrooms (+50 Deg to –5 Deg) the PVC strip will stretch where as in freezers (-10 Deg to –35 Deg) the strips will shrink. The PVC strips length will generally stabilise within 30 days of installation and then should be re trimmed to the correct length.

Cleaning The PVC Strips

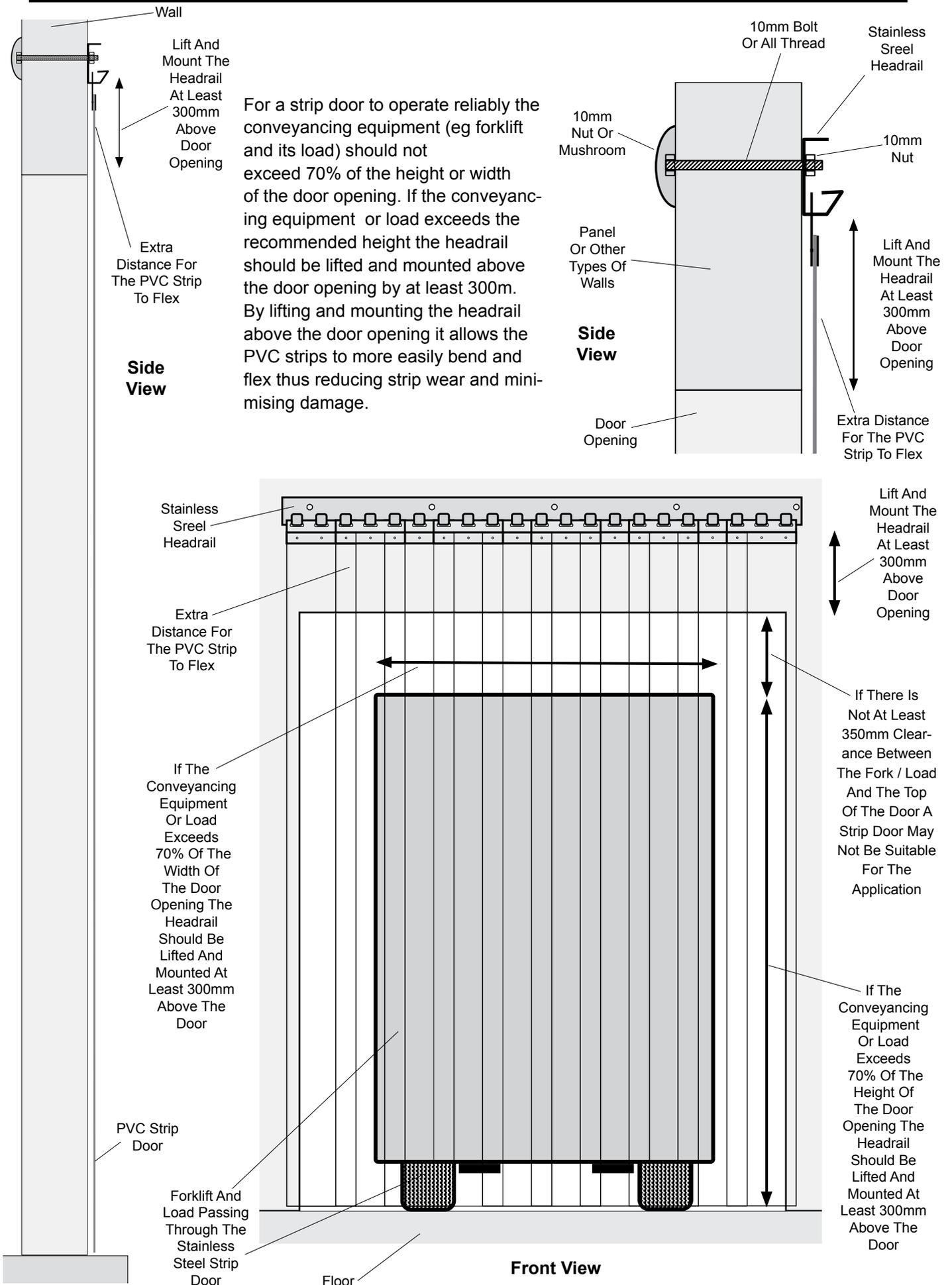
Generally the PVC strips can be cleaned by soaking in warm water with mild detergent and then scrubbing. Where the PVC strips are particularly dirty or discoloured by oils (animal fats) scrubbing with methylated spirits will generally clean them. Care should be taken not to use steam or hot water as this may permanently damage or discolour the strip (white).

PVC Strip Wear And Rotation

To minimise the scratches and wear to the strips all points and sharp edges should be removed from the trolleys, pallet jacks and forklifts. Any tangling or hooking points should be removed (forklift masts) to prevent strips from becoming entangled, damaged or torn off. The life of the strips can be further extended by re positioning them from high to low wear areas of the door (from the centre to the side of the strip door).

Winds And Pressure Differentials

Strip doors may be used to minimise the effects of light wind, but will not withstand heavy winds or large pressure differentials. The effectiveness of using strip doors in windy applications can be improved by allowing the strip to drag on the floor and increasing the strip overlap (eg 100mm). NBE does not recommend strip doors as an effective method of blocking heavy winds or withstanding high pressure differentials.



For a strip door to operate reliably the conveyancing equipment (eg forklift and its load) should not exceed 70% of the height or width of the door opening. If the conveyancing equipment or load exceeds the recommended height the headrail should be lifted and mounted above the door opening by at least 300mm. By lifting and mounting the headrail above the door opening it allows the PVC strips to more easily bend and flex thus reducing strip wear and minimising damage.