



PVC STRIP CURTAINS

RAYFLEX
GROUP



CELEBRATING OVER 40 YEARS

WHAT ARE PVC STRIP CURTAINS?

PVC strip curtains form a flexible, thermal barrier, designed to allow hands-free access for pedestrians and industrial traffic. PVC strip curtains control air flow between areas, regulate temperature loss and reduce dust and pest contamination in any environment. Each kit is carefully manufactured to each industry's unique requirements, ensuring each environment has the ideal solution.

PRODUCT DETAIL

Widths: 100mm W - 400mm W PVC strips

Thickness: 1mm - 4mm Thick PVC strips

Profile: Flat or Ribbed

Grades: Standard or Low Temp, opaque colours, translucent colours, welding, anti-insect, anti-static, perforated or frosted.

Temperature range: Standard - +50°C to -15°C
Freezer - +30°C to -40°C

BENEFITS OF INSTALLATION

- Instant energy savings;
- Temperature regulation;
- Hands-free access;
- Effective barrier against dust, litter, and airborne contamination;
- Pest control;
- Easy to maintain and replace;

PRODUCT SUITABILITY

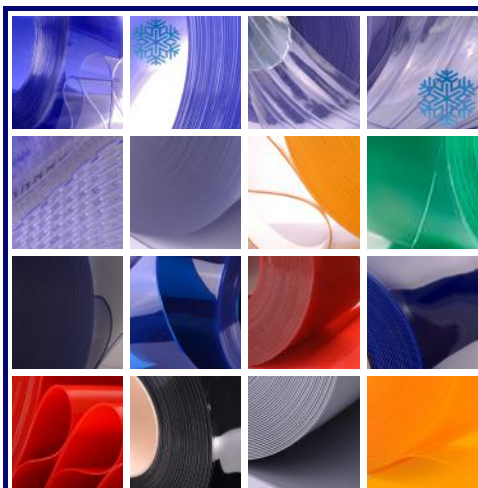
PVC strip curtains can be manufactured to order or available as ready-made kits in different sizes, weights and grades – all dependent on your application. We can supply specialist grades for unique applications, such as welding grade material and anti-static PVC. For curtains that will be located externally, the PVC is often a thicker grade with an increased overlap to protect from the outside elements. Internal applications will be lighter to improve access for pedestrians.



ASSOCIATED PRODUCTS

- Stainless Steel Hook Suspension System
- Bullet Rail Suspension System
- Sliding Track Suspension System
- Heavy Duty Galvanised Suspension System

PVC RANGE



COMMON APPLICATIONS

- Industrial
- Cold Storage
- School & Nursery
- Agricultural
- Cleanroom
- Data Centre
- Food Production
- Restaurants, Cafes & Bars
- Construction
- Supermarkets

PVC STRIP CURTAINS: **MADE TO MEASURE**

PVC STRIP CURTAINS



Rayflex Group manufacture PVC strip curtains to suit your exact requirements. We are experts in PVC curtains and will recommend the correct amount of PVC strips, PVC weight, PVC grade and suspension system to ensure your PVC strip curtain stands the test of time and offers optimal heat retention and associated energy savings.

Made to measure PVC strip curtain kits are manufactured to order and are ideal for use on both internal and external openings that are subject to high volumes of motorised and pedestrian traffic. They create easy handsfree access, a heavy-duty barrier that controls temperature loss and reduces air, noise and dust pollution between areas.

PRODUCT DETAIL

As standard, we stock PVC strip from:

- 100mm wide – 400mm wide,
- 1mm – 5mm thick,
- Flat or Ribbed
- Standard Temperature (+50 / -15°)
- Low-temperature PVC (+30 / -40°)
- Translucent and Opaque Colours
- Welding Grade
- Anti-Insect
- Anti-Static
- Perforated
- Frosted



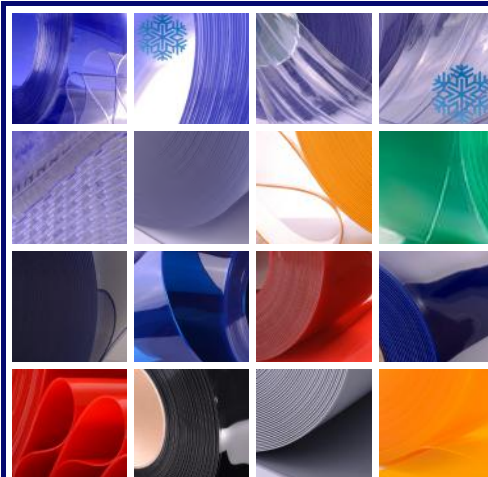
BENEFITS

- Made to measure;
- Instant energy savings;
- Temperature regulation;
- Hands-free access;
- Strip curtains are suitable for both pedestrian and motorised traffic;
- Effective barrier against pests, dust, litter, and airborne contamination;
- Easy to maintain and replace;

ASSOCIATED PRODUCTS

- Stainless Steel Hook Suspension System
- Bullet Rail Suspension System
- Sliding Track Suspension System
- Heavy Duty Galvanised Suspension System
- PVC Rolls

PVC RANGE



COMMON APPLICATIONS

Industrial
Cold Storage
School & Nursery
Agricultural
Cleanroom
Data Centre
Food Production
Restaurants, Cafes & Bars
Construction
Supermarkets

PVC STRIP CURTAINS: **PEDESTRIAN**

PVC STRIP CURTAINS



Our ready-made PVC strip doors are designed to fit standard pedestrian doorways. They are stocked and available for immediate dispatch. We manufacture with safety in mind and only use high-quality crystal clear PVC that will ensure pedestrian visibility on both sides of the PVC strip door ensuring absolute worker safety in your workplace. Utilising the premium combination of 200mm ribbed PVC strips suspended on our unique white bullet rails – this kit ensures the ultimate seal on your doorways.

PREMADE OPTIONS

PVC strip door sizes (please note, kits can be placed side by side to create much wider openings):

Opening widths: from **900mm - 2700mm**;
Opening Heights: from **2150mm - 3100mm**

SUSPENSION OPTIONS

Each pedestrian PVC strip curtain features our white plastic bullet rail, which is the easiest and safest suspension system in our range. The rail is lightweight and has no sharp edges, ensuring worker and pedestrian safety when passing through. The design of the bullets allows for easy installation and removal/replacement when necessary.



PVC OPTIONS

Each kit is available with our crystal clear 200mm ribbed PVC - offering durability and ease of access for workers and pedestrians.

BENEFITS

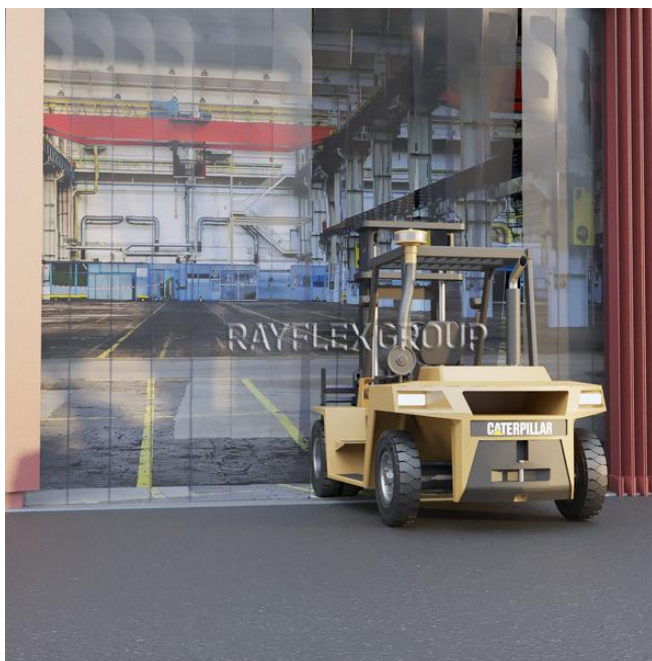
COMMON APPLICATIONS

- Office Spaces
- Restaurants, Cafes & Bars
- Domestic Applications
- Commercial Environments
- Environments that require light-duty pedestrian-only traffic.

- Impressive energy savings – save up to 50% on your energy bills;
- Ribbed PVC strip assures ultimate ease of passage through openings for pedestrians;
- Ideal for pedestrian and light traffic usage only;
- Offers temperature regulation between areas;
- Hands-free access through doorways;
- Long life & durable – ribbed PVC has the longest lifespan in the PVC range;
- Acts as a barrier for insect & pests and reduces noise and air pollution;

PVC STRIP CURTAINS: **INDUSTRIAL**

PVC STRIP CURTAINS



We manufacture a range of ready-made industrial PVC strip curtains, ideal for warehouse environments. These kits are designed and manufactured with industrial doorways in mind - ranging from light-duty openings to large internal/external applications.

Our pre-made range of industrial PVC strip curtains comprises of three options, light duty, medium duty and heavy duty. Each kit is manufactured to suit the amount and type of traffic each industrial doorway faces on a daily basis.

PREMADE OPTIONS

Opening widths from: **1000mm - 4900mm**

Opening heights from: **2100mm - 5000mm**

SUSPENSION OPTIONS

Our light and medium duty industrial PVC strip curtain kits feature our stainless steel hook type suspension kit - ideal for heavy pedestrian traffic and light-duty FLT and pallet truck usage.

The heavy-duty kits feature our galvanised steel hook range, withstanding daily FLT usage and heavy duty pedestrian and worker traffic.



PVC OPTIONS

Light Duty: Clear 200 x 2 PVC Strip

Medium Duty: Clear 300 x 3 PVC Strip

Heavy Duty: Clear 400 x 4 PVC Strip

BENEFITS

- Economical – value for money if you are using strip curtains in industrial environments;
- Impressive energy savings – save up to 40% on your energy bills;
- Hook type rail & flat PVC combination are used as the standard in the industry;
- Ideal for heavy pedestrian, pallet truck and FLT traffic usage only;
- Offers temperature regulation between areas;
- Hands-free access through doorways;
- Acts as a barrier for insect & pests and reduces noise and air pollution;
- Ideal for industrial warehouse usage;

PVC STRIP CURTAINS: **FREEZER GRADE**



PVC STRIP CURTAINS



Our freezer grade, ready-to-dispatch strip curtains are designed to fit standard walk-in chiller and freezer applications, ideal for use in the cold storage industry. Our crystal clear, freezer grade PVC strip operates well down to -40°C and remains soft and flexible without becoming brittle, ensuring ease of passage at very low temperatures. The strip curtain ensures hands-free access through openings at an economical price.

PREMADE OPTIONS

Opening widths from: **1000mm - 2000mm**

Opening heights from: **2100mm - 2500mm**

SUSPENSION OPTIONS

Our premade kits are available with our plastic bullet rail and our stainless steel hook type suspension system. The hook type system is the most economical and offers the industry standard and the bullet offers the most aesthetically pleasing system for environments that may be visible to customers.



WHY SHOULD YOU INSTALL?

Our freezer grade strip curtains are suggested for use in commercial and food environments where a robust secondary seal is required in addition to doors.

This freezer grade strip curtain kit is an economical solution for covering doorways in cold-stores, ensuring there is no loss of temperature and that food and perishable goods are preserved correctly.

BENEFITS

- Economical – value for money if you are using strip curtains within cold storage;
- Temperature regulation – keeps internal cold room temperatures stable;
- Energy savings – reduces the cost of running your generators;
- 200mm PVC strip assures a lightweight curtain ensures easy access;
- Hands-free access through doorways;
- Acts as a barrier for insect & pests and reduces noise and air pollution;
- Ideal for in cold-stores;

PVC STRIP CURTAINS: **SCHOOL AND NURSERY**

PVC STRIP CURTAINS



Our child-friendly plastic strip curtains have been designed specifically for schools and nurseries, in line with the practise guidelines offered by the DCSF and EYFS regarding freedom of indoor/outdoor play.

Installing plastic strip curtains on your openings will help to regulate temperatures in the classroom without restricting access to the outdoor playground. All plastic strip curtains in this range are stocked and ready for immediate dispatch.

PREMADE OPTIONS

Opening widths from: **900mm - 1800mm**
Opening heights up to: **2200mm**

SUSPENSION OPTIONS

The plastic curtain kits contain our plastic bullet rail which is our safest suspension system along with lock-in washers to secure the PVC strips to the rail. Our plastic bullet system is our safest and most aesthetically pleasing suspension system, designed for absolute safety and ease of installation.



WHY SHOULD YOU INSTALL?

Early Years Guidelines suggest that PVC strip curtains help to facilitate seamless flow and play access between indoor and outdoor environments:

‘Outdoor learning complements indoor learning and is equally important. Play and learning that flow seamlessly between indoors and outdoors enable children to make the most of the resources and materials available to them and develop their ideas without unnecessary interruption.’ (EYFS Effective Practice: Outdoor Learning 2007).

BENEFITS

- Soft grade, ribbed PVC to assist little ones with access;
- The whole system is designed to be made from lightweight plastic – total weight would not cause harm to children;
- Energy savings – reduce your heating bills by up to 50% through efficient temperature regulation;
- Stops cold outside air mixing with maintained internal temperature;
- Stops insects, pest and flying debris from entering the classroom;
- Reduces external noise pollution helping to maintain a calm environment;

PVC STRIP CURTAINS: **CLEANROOM**

PVC STRIP CURTAINS



Our PVC strips or panels overlap to create a seal that won't allow foreign particles into your cleanroom environment, the strips are self-closing and allow workers to be witnessed at all times. Cleanroom curtains are used extensively in electronics, food, aerospace, pharmaceuticals, hospitals where the utmost levels of care and attention to product detail are required.

Cleanroom curtains are recommended for use in ISO Class 7-8 cleanrooms.

PVC STRIP CURTAIN OPTIONS

Our cleanroom kits are only manufactured to order in standard grade or anti-static options, as there are no set sizes for modular softwall cleanrooms. We can manufacture to size rapidly and our softwall PVC strip enclosures represent the most economical type of modular cleanroom wall construction on the market.

SUSPENSION OPTIONS

Our PVC curtain kits include either the premium range plastic bullet rails or stainless steel hook type suspension rails to complete the kit. The suspension systems offer ease of install and ensure safety for high and low traffic environments.



HOW TO ORDER?

As a starting point we need to know your exact requirements before quotation:

- Opening width/length of runs required to create your modular cleanroom;
- Opening height/drops so we can cut the PVC strips to an appropriate length;
- Grade of PVC required – do you have any anti-static or fire retardant requirements?
- What is being manufactured within the cleanroom?

BENEFITS

- Self-closing - reduce the risk of particles entering the room;
- Extremely economical;
- Allows light in for full visibility when working;
- Allows external staff to witness cleanroom processes;
- Anti-static & fire resistant options available
- High UV resistance;
- Available in clear and many colour tints;
- Individual replacement PVC strips available if damaged or dirtied;

PVC STRIP CURTAINS: DATA CENTRE



Our Data Centre PVC strip curtains are designed to create a containment seal around your rack space without introducing static and to effectively separate your hot and cold air aisles.

The kits ensure you achieve optimal energy efficiencies in your data centre environment, reduce PUE, reducing temperatures and offering significant energy savings as a result.

Our data centre PVC curtains can also be used as temporary blanking panels when servers need to be moved in and out in shared location facilities.

PVC STRIP CURTAIN OPTIONS

Our data centre PVC curtains are available manufactured to order in anti-static and flame resistant options, there is no one size fits all when it comes to the retro or new fit out of your server rooms and data-racks.

SUSPENSION OPTIONS

We use specially designed suspension system that combines grey or black powder coated aluminium channels with pre-fitted white bullet rails to ensure an optimised seal of the PVC strips. The rail is pre-drilled allowing for easy install at site regardless of your ceiling construction. The rails can be fitted directly into the ceiling or suspended on drops rods/wires from unistrut.

HOW TO ORDER?

As a starting point we need to know your exact requirements before quotation:

- Aisle widths/lengths required to create your containment curtain;
- Drops/heights from where you will be suspending the kit to ensure we cut to the correct length;
- The grade of PVC required
- Aisle separation or for full area containment?
- Ideally a drawing of your data centre layout to include air conditioning units so we ascertain the weight of PVC strip required;



BENEFITS

- PVC strip curtains overlap to create an ultimate, non-static seal when combined with our data centre rail system;
- Full Anti-static PVC compound confirmation and technical specifications provided;
- Separate hot/cold air aisles;
- PVC strip curtains are extremely economical compared to other datacentre containment solutions;
- Full visibility and access to your servers at all points;
- Individual replacement PVC strips available if damaged or dirtied

PVC STRIP CURTAINS: **HOSPITALITY**

PVC STRIP CURTAINS



The DK range of strip doors for use within hospitality: cafes, restaurants, bars, are an ideal solution to area containment in industry.

We use only high grade, suitable for use in the food industry PVC and our strip doors are the most economical on the market.

The strip doors overlap to create a seal that stops contamination between areas and significantly improves hygiene in the environment and will form part of the requirements of your health and safety recommendations in the workplace.

PVC STRIP CURTAIN OPTIONS

Our hospitality strip doors are manufactured to order and we manufacture to any size rapidly. We would use standard or freezer grade PVC strip, supplied in a variety of widths and thicknesses to ensure you receive the appropriate PVC product for your application.



SUSPENSION OPTIONS

We use either premium range plastic bullet rails, sliding track systems or stainless steel hook type suspension rails to complete the strip doors and to ensure ease of install.

HOW TO ORDER?

As a starting point we need to know your exact requirements before quotation:

- Opening width: so we can supply the correct number of PVC strips and overlap for your application;
- Opening height: so we can cut the PVC strips to an appropriate length;
- Grade of PVC required – what temperature does your application operate at?
- What are you using the PVC strip for?

BENEFITS

- Hands-free access between areas;
- Self-closing – stops cross contamination between areas;
- Create clean areas for raw and cooked food preparation;
- Extremely economical;
- Allows full visibility between areas;
- Meets the requirements of your health and safety visits;
- Keeps pests and other pollutants out on open external doorways
- Individual replacement PVC strips available if damaged or dirtied

PVC STRIP CURTAINS: **AGRICULTURAL**

PVC STRIP CURTAINS



Our agricultural PVC strip curtain kits are manufactured to order to suit the varying requirements of the agricultural & farming sector. We manufacture strip curtains to order quickly and specialise in manufacturing, heavy duty, long lasting PVC curtains that are designed to withstand the demands of agricultural use.

Whether you are looking to cover poultry sheds with blackout curtains, dairy sheds, animal barns or stables with weather protectors, separate and contain areas within your abattoirs or to cover storage facilities with PVC screens, we can advise on the correct PVC strip curtain for every application.

PVC STRIP CURTAIN OPTIONS

Our agricultural PVC strip curtains are manufactured to order to suit the unique requirements of each application within the environment.

SUSPENSION OPTIONS

Our PVC curtain kits include either the premium range plastic bullet rails, sliding track systems or stainless steel hook type suspension rails to complete the kit. The suspension systems offer ease of install and ensure safety for high and low traffic environments.



HOW TO ORDER?

As a starting point we need to know your exact requirements before quotation:

- Opening width – so we can create the correct overlap and supply the right number of PVC strips;
- Opening height - so we can cut the PVC strips to an appropriate length;
- Grade of PVC required – are there any colour or specific requirements?
- What type of application are we manufacturing the PVC strip curtain for? For example, Poultry black-out sheds, storage area covers, barn openings;

BENEFITS

- Self-closing – you don't have to repeatedly open/close heavy doorways for pedestrian or vehicle access;
- Extremely economical;
- Available in a large range of colours and grades to ensure we can recommend the correct product for your application;
- High UV resistance;
- Durable – able to withstand the external elements and farm usage;
- Individual replacement PVC strips available if damaged or dirtied

In order to support your PVC strip curtain, you will require a robust suspension system and hardware. All our suspension systems have been tested and approved for use, we offer hook type, bullet, heavy duty and sliding track suspension systems for PVC strip curtains.

HOOK TYPE: INDUSTRIAL USE

Used in all industrial environments, our hook type system is our most commonly used for mounting PVC strip curtains. Our hook type suspension system is the most economical system we supply and ideal for all industrial environments. We offer the rail in stainless steel and heavy-duty galvanised for larger openings that withstand large amounts of traffic. Our range includes a variety of thicknesses:

1.2 MM - 430 SS

1.5 MM - 430 SS

3MM - HD



BULLET RAIL: COMMERCIAL/DOMESTIC

Our white plastic bullet rail is the easiest and safest suspension system in our range. The rail is lightweight and has no sharp edges, ensuring worker and pedestrian safety when passing through. The design of the bullets allows for easy installation and removal/replacement when necessary.

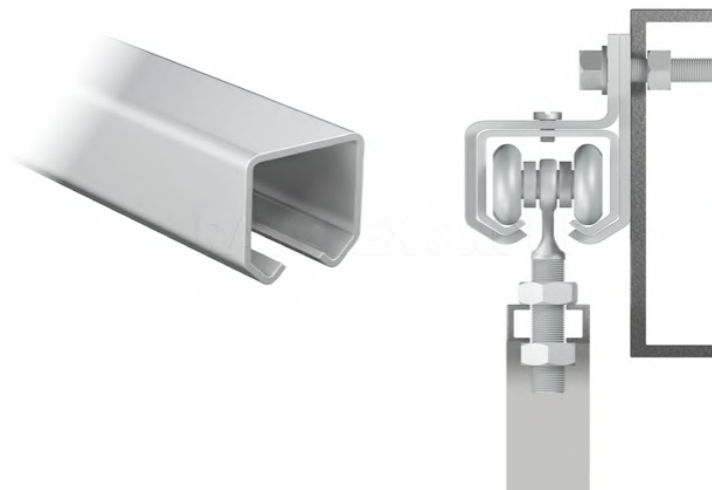


SLIDING TRACK

PVC strip curtains can be moved out of the way by installing them on a sliding system, our sliding track means the PVC curtain will slide seamlessly on a robust track with runners, extending the life of your PVC curtain and ensuring it can move with ultimate ease.

Sliding track systems can create:

- Single sliding systems
- Bi-parting systems
- Double track options



WHITE PLASTIC BULLET SYSTEM INSTALLATION GUIDE

TOOLS

- Pen or Pencil to Mark Drill Holes
- Drill
- Screws
- Step Stool or Ladder
- Utility Knife to Cut Strip

IMPORTANT

Prior to installation, unroll all door strips and place them on a clean, flat surface in a warm atmosphere for a minimum of twenty-four (24) hours. This will allow the strips to return to their original form

1. Mount the Bullet hardware bracket in either the under header or wall position shown in Diagrams 1 and 2

2. Press the door strips onto the “bullets” of the hardware bracket making certain that the concave sides are facing each other (Diagram 4). Attach strip numbers 1 and 3 (see Diagram 3) with concave side toward you, leaving desired spacing between strips as indicated by the diagram on the reverse side of this sheet.

3. Attach strip number 2 with concave side away from you over strip numbers 1 and 3 (Diagram 3).

4. Attach all of the remaining door strips in the same manner as in Steps 2 and 3 making certain that the concave sides face each other (Diagram 4).

5. Once all of the door strips have been attached, the strips can be trimmed to leave 6mm of clearance from the floor surface. Your PVC door strips may be trimmed by using a common utility knife to score and then be torn by hand.

The door strips need to hang for 24 to 48 hours before final trim to allow for proper alignment.

DIAGRAM 1
Under header (lintel) position

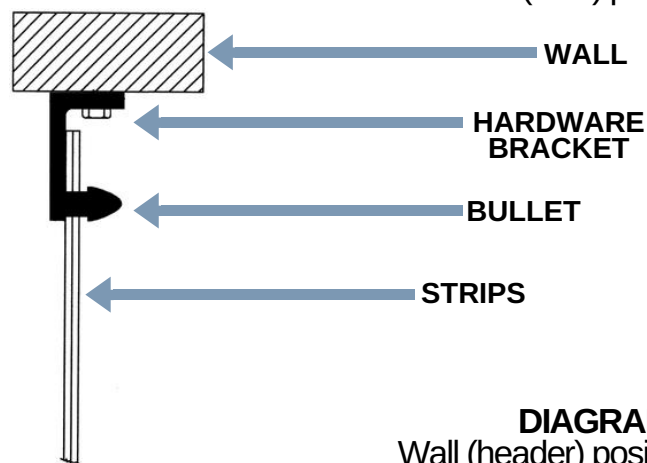


DIAGRAM 2
Wall (header) position

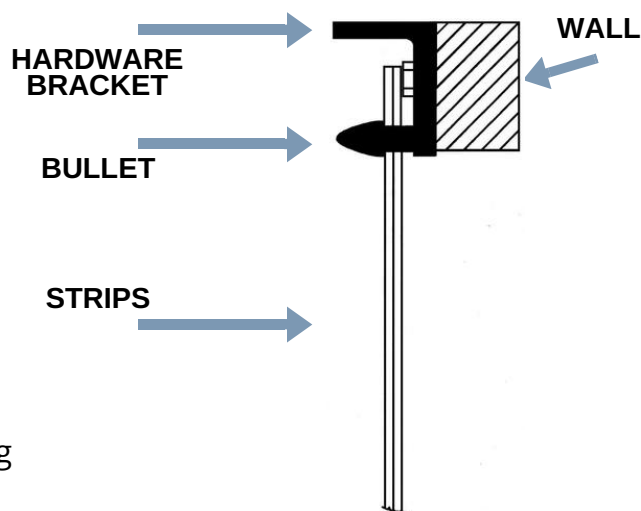
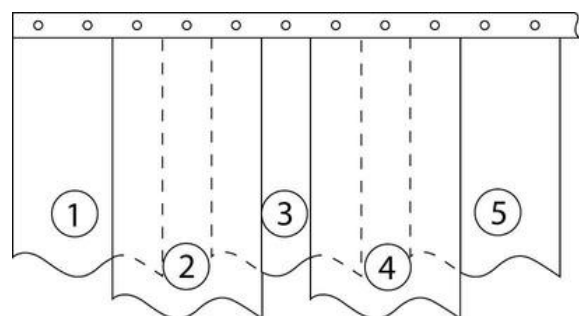


DIAGRAM 3
Front view strip spacing



HOOK TYPE SUSPENSION SYSTEM INSTALLATION GUIDE

INSTRUCTIONS FOR INSTALLATION

Rails (as standard) come with both a face and soffit fix option (see in image 1)

- **Face fit applications:**
Fix the rails with the side containing the hooks to the face of your opening;
- **Soffit fit applications:**
If fitting to the underside of the beam, door jamb or directly up into the ceiling fix the side without the hooks;
- For larger openings, it does not come as one continuous piece, in this instance butt the pieces together.
- The strips must then be attached to the suspension rail in 2 rows, back and front.
- The back row is formed by leaving an odd number of fingers open between the plates. For example. on 200mm wide strips (medium overlap) you would fit the first strip at one end of the rail, leaving 3 open fingers on the rail before fitting the second strip, continue this right the way along your opening width - see the guide below for other strip width and overlap requirements.
- Go back to the start and fill in the gaps with the remaining strips. The front row is effectively formed by hanging strips over the gaps left in the back row.
- Every strip curtain will have different fitting requirements according to the strip width and overlap ordered.
- Please see the list, choose your strip width first then your overlap requirement to determine how many open fingers you must leave on the rail.

KEY TIPS

- We are a supply only company so please ensure you have accurately measured your opening width and height. We add a small allowance so the goods can be cut to size and are never delivered too small.

- You should have the ability to work at height and to complete a basic industrial installation. PVC strip curtains are very simple but you will need the correct tools, fittings and experience.

-We will supply the nearest size increments to suit your opening. We make the curtains and rails as bespoke as possible but amendments on site may be required.

-Each requirement is different and we make each and every kit to order. Due to this fact, we cannot accept returns on any bespoke orders.

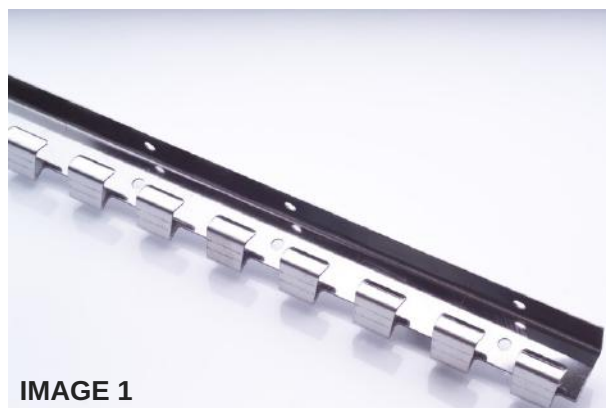


IMAGE 1

Width	Overlap	Open Fingers
200mm	40% (Med)	3
200mm	80% (Full)	1
300mm	28% (Min)	5
300mm	55% (Med)	3
300mm	85% (Full)	1
400mm	35% (Min)	7
400mm	55% (Med LW)	5
400mm	75% (Med HW)	3
400mm	95% (Full)	1

SLIDE 10 SUSPENSION SYSTEM INSTALLATION GUIDE



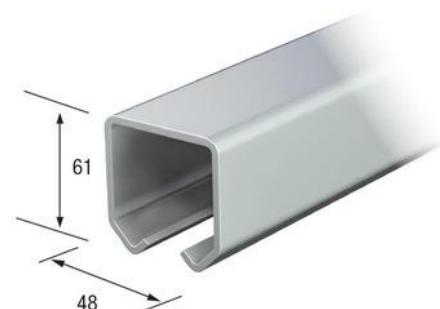
SLIDE-10-WH-30

Galvanised steel
2 Wheel hanger with
short 30mm thread



SLIDE-10-DWB-U

Galvanised steel U
bracket C/W threaded hole,
skt screw, washer



SLIDE-10T-2M

SLIDE-10T-3M

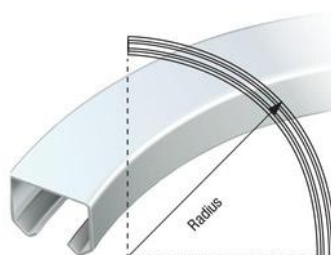
SLIDE-10T-6M

Galvanised steel
Sliding track



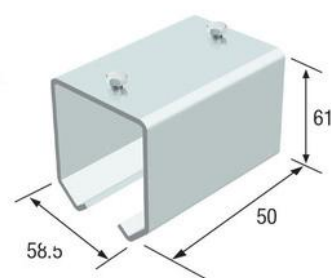
SLIDE-10-WB-F

Galvanised steel
Single wall bracket -
face fix



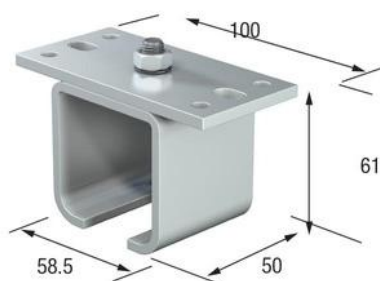
SLIDE-10-DWB-U

Galvanised steel U
bracket C/W threaded hole,
skt screw, washer



SLIDE-10-JOINT

Galvanised steel joint
piece for sliding track



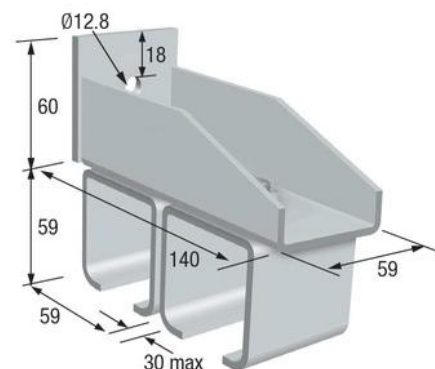
SLIDE-10-WB-S

Galvanised steel
Single wall bracket -
soffit fix



SLIDE-10-END

Galvanised steel
door stop / end piece



SLIDE-10-DWB-HOLD

Galvanised steel
double wall bracket -
face fix holder