UNDER RACK PANEL

Part Numbers

46-10126	699mm (27.5") Under Rack Panel
46-10127	800mm (31.5") Under Rack Panel

PRODUCT OVERVIEW



Application

Designed to seal a variety of openings below the rack on new and existing raised server racks, the AisleLok® Under Rack Panel will block bypass airflow and maximise cooling system efficiency of the Data Centre.

The AisleLok® Under Rack Panel is the premium choice for your facility. Its revolutionary sealing technology was designed to allow easy modifications creating the flexibility to seal large and unique openings such as those found under various sized racks and cabinets. The pre-scored lines on the back of the Under Rack Panel allows for easy and tool-less removal of excess material for areas where the opening under the rack is smaller. The AisleLok® Under Rack Panel fits standard racks up to 800mm (31.5").

Based on measurements at multiple Data Centres, on average 60% of valuable conditioned air is not reaching the air intake of IT equipment due to unsealed floor openings. This lost air, known as bypass airflow, contributes to IT equipment hot spots, cooling unit inefficiencies, and increasing infrastructure costs. AisleLok® products specifically address bypass airflow and its detrimental effects on Data Centre cooling.



BEFORE



AFTER

Features

- Two designs which feature longer, durable sealing panels (699mm and 801mm) which are customisable to seal a variety of gaps under the server rack.
- Rigid PVC support frame, with a double sided adhesive, provides a permanent and non-particulating attachment to the rack. The softer, flexible sealing material easily forms under the rack and can be customised as needed.
- Tool-less application — simply "peel and stick".
- Under Rack Panel seals more effectively than a comparable brush without sagging.
- AisleLok® products are compliant with directive 2002/95/EC of the European Parliament and the Council on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electric Equipment (RoHS)).
- Pre-scored lines on the back of the Under Rack Panel allows for easy and tool-less removal of excess material when needed.

Benefits

- Eliminates re-circulation inside the cabinet and "hot spots" at equipment intakes due to re-circulation.
- Compliments and enhances the performance of existing blanking panels in the server rack.
- Supports equipment cabinet best practices of isolating exhaust air at the back of the cabinet.
- Improves IT equipment reliability and extends equipment life.
- Supports increasing rack density.
- Increases existing cooling unit capacity.

UNDER RACK PANEL



Pre-scored lines on the back of the panel



Removal of excess material on the pre-scored line

Specifications

Part Number	Description	Dimensions	Quantity Per Carton	Shipping Weight
46-10126	27.5" Under Rack Panel	699mm x 115mm x 25.4mm	10	3.18Kg
46-10127	31.5" Under Rack Panel	800mm x 115mm x 25.4mm	10	3.63Kg

Sealing Effectiveness

Patented design is a more effective method of sealing airflow under the rack than using comparable brushes.

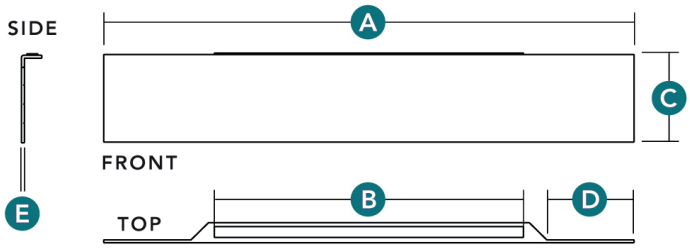
Under Rack Panel

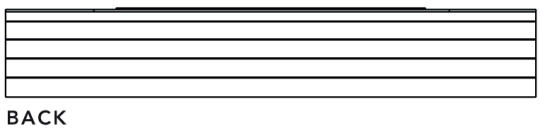
The Under Rack Panel is made from 1.53mm Durable PVC.
Finish: Black.
Flammability Rating: UL94 HB.

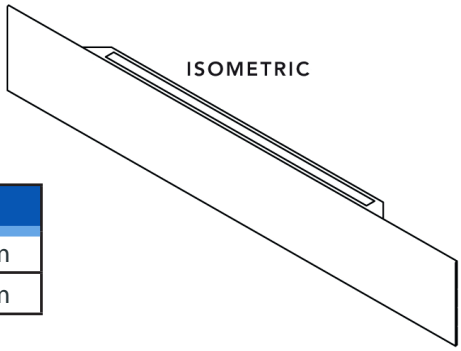
Under Rack Mounting System

Custom adhesive mounting kit consisting of:
Double-sided adhesive backing pre-attached to the rigid PVC mounting frame.

Product Drawings







Part No.	A	B	C	D	E
46-10126	699mm	407mm	116mm	115mm	1.53mm
46-10127	800mm	508mm	116mm	115mm	1.53mm

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