AisleLok® Under Rack Panel



Part Number

10126 27.5" (698.5mm) Under Rack Panel
10127 31.5" (800.1mm) Under Rack Panel

Applications

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 maximize cooling system efficiency of the data center.

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 31.5".

Based on measurements at multiple data centers, on average 60% of valuable conditioned air is not reaching the air intake of IT equipment. 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 center cooling.

Features

- Two designs which feature longer, durable sealing panels (27.5" and 31.5") which are customizable 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 customized 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

- Lower cost solution for filling a higher number of missing U space
- 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 and density
- Increases existing cooling unit capacity



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
10126	27.5" Under Rack Panel	27.5" x 4.53" x 1" (698.5 mm x 115.062 mm x 25.4 mm)	10	7 lbs.
10127	31.5" Under Rack Panel	31.5" x 4.53" x 1" (800.1 mm x 115.062 mm x 25.4 mm)	10	8 lbs.

Sealing Effectiveness

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

Under Rack Panel

The Under Rack Panel is made from .06" Durable PVC

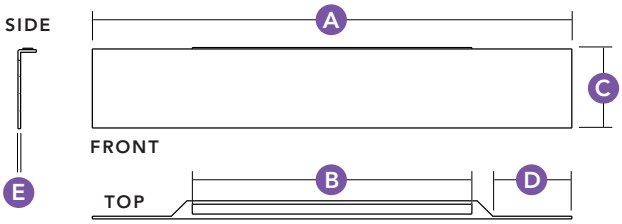
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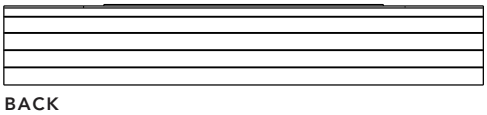
Flammability Rating: UL94 HB

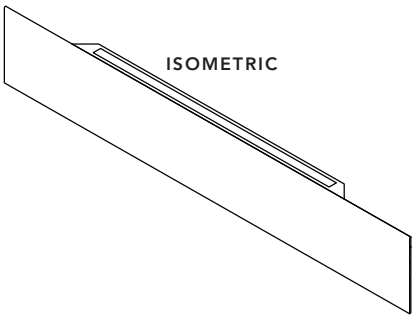
Under Rack Mounting System

Custom adhesive mounting kit consisting of:
Double-sided adhesive backing pre-attached to the Rigid PVC Mounting Frame

Product Drawings







Dimensions in Inches

Part No.	A	B	C	D	E
10126	27.5"	16"	4.53"	4.52"	.06"
10127	31.5"	20"	4.53"	4.52"	.06"

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