

SIDE RAIL SEALING KIT

PRODUCT OVERVIEW

Part Numbers

- 46-10237 - Side Rail Sealing Kit, 45°, 2.5" (64mm) Membrane
- 46-10238 - Side Rail Sealing Kit, 45°, 4.0" (102mm) Membrane
- 46-10239 - Side Rail Sealing Kit, 45°, 5.5" (140mm) Membrane
- 46-10240 - Side Rail Sealing Kit, 90°, 2.5" (64mm) Membrane
- 46-10241 - Side Rail Sealing Kit, 90°, 4.0" (102mm) Membrane
- 46-10242 - Side Rail Sealing Kit, 90°, 5.5" (140mm) Membrane

Application

The Side Rail Sealing Kit is designed to seal gaps between the mounting rails and sides of cabinets.

This greatly reduces bypass airflow and exhaust air recirculation through IT equipment cabinets to increase cooling unit utilisation and maximise the effectiveness and efficiency of the cooling infrastructure.



Features

- Two different Mounting Extrusion profiles and three different Sealing Membrane widths accommodate various cabinet configurations.
- Customisable application – Materials can be trimmed for a tailored fit to allow for cable pass-through and mounting braces.
- Engineered clip-in design allows for quick and simple installation.
- Optional mounting with double sided adhesive supports unique cabinet configurations
- Flexible panels contour to the cabinet structure to block airflow through side rail openings and allows for cable passage as necessary.

Benefits

- Reduces hot spots by blocking exhaust recirculation through the cabinet.
- Compliments and enhances the performance of blanking panels.
- 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 cabinet density.
- Increases utilisation of existing cooling unit capacity.

Specifications

Part Number	Description
46-10237	Side Rail Sealing Kit, 45° Profile, 2.5" (64mm) Membrane
46-10238	Side Rail Sealing Kit, 45° Profile, 4.0" (102mm) Membrane
46-10239	Side Rail Sealing Kit, 45° Profile, 5.5" (140mm) Membrane
46-10240	Side Rail Sealing Kit, 90° Profile, 2.5" (64mm) Membrane
46-10241	Side Rail Sealing Kit, 90° Profile, 4.0" (102mm) Membrane
46-10242	Side Rail Sealing Kit, 90° Profile, 5.5" (140mm) Membrane

- (4) 42" (1067mm) sections of Mounting Extrusion
- (2) 10" (254mm) sections of Mounting Extrusion
- (4) 47" (1194mm) rolls of Sealing Membrane

Use

- Sealing between mounting rails and sides of cabinet
- Sealing between the top and bottom mounted IT equipment (or blanking panels) and the top and bottom of cabinet frames
- Sealing between cabinets and cable management systems



90° Profile



45° Profile



2.5" (64mm) Roll



4" (102mm) Roll



5.5" (140mm) Roll

Materials

- Mounting Extrusion is made from Rigid PVC
- Sealing Membrane is made from Flexible PVC
- Fire Rating: UL94 HB Fire Resistance
- Compliance: RoHS Compliant

Sealing Effectiveness

The Side Rail Sealing Kit is designed as an effective solution for sealing openings in cabinets that are not covered by blanking panels. The Side Rail Sealing Kit compliments blanking panels and completes the job of sealing your cabinet.