

BLANKING PANELS

PRODUCT OVERVIEW

Part Numbers

- 46-10114 - 1U 19" HotLok® White
- 46-10115 - 2U 19" HotLok® White
- 46-10075 - 1U 19" HotLok® Grey (RAL7035)
- 46-10031 - 1U 19" HotLok® Black
- 46-10033 - 2U 19" HotLok® Black
- 46-10177 - 1U 23" HotLok® Black



Application

Designed to effectively seal openings in IT equipment cabinets and control airflow for optimised cooling effectiveness.

The HotLok® Blanking Panel reduces hotspots and bypass airflow by preventing equipment exhaust air or hot aisle air from migrating to the conditioned air intake stream at the front of the cabinet. HotLok® Blanking Panels are available in both 1U and 2U configurations with a choice of traditional black, or a more reflective white. Grey HotLok® (RAL7035) Blanking Panels are only available in 1U.

The white blanking panels are available to co-ordinate with white racks and enclosures for improved aesthetics. In addition, they are engineered to offer light reflectance properties for energy savings by increasing the reflectivity in the server cabinet reducing the amount of lighting required. At normal Data Centre lighting levels, the white blanking panel offers 3.5 times the reflectance of a standard black blanking panel. This means more brilliancy in the Data Centre and better illumination of surrounding surfaces and computer cabinets.

Features

- Cantilevered sealing vanes eliminate the gap between adjoining blanking panels or with installed equipment to provide the most effective sealing blanking panel on the market, a seal 29% better than the nearest competitor.
- Tool-free, snap-in installation requires no additional parts or components for installation.
- Ergonomic finger grips built in to allow easy-pull removal in standard EIA-310-E openings.
- Interlocking design allows secure stacking (1U panels stack 10 high and 2U panels stack 20 high) for easy storage and convenient carrying, supporting the best practice for keeping particulates and contaminants like cardboard boxes out of the data centre.
- Compliant with Directive 2002/95/EC of the European Parliament and the Council on the Restriction of the Use of Certain Hazardous Substances in the Electrical and Electronic Equipment (RoHS).



Benefits

- Allows lower temperature air to be delivered to the upper one-third of the cabinet, typically the hottest area and most prone to equipment failure.
- Use in Hot and Cold Aisle configuration for low or high density cabinets.
- Controls airflow that could lead to saved energy by allowing adjustment of cooling unit set points.
- Use in existing cabinets for optimisation and standardisation.
- 1U and 2U versions available for EIA-310-E compliant cabinets.

Specifications

Part Number	Dimensions		Qty Per Carton	Shipping Weight
	Inches	Millimetres		
46-10031 - 1U Black 46-10114 - 1U White 46-10075 - 1U Grey (RAL7035)	19" x 1.75"	482.5 x 44.45mm	10	3lbs / 1.36Kg
46-10033 - 2U Black 46-10115 - 2U White	19" x 3.5"	482.5 x 89mm	5	3lbs / 1.36Kg
46-10177 - 1U Black	23" x 1.75"	584.2 x 44.45mm	10	5lbs / 2.27Kg

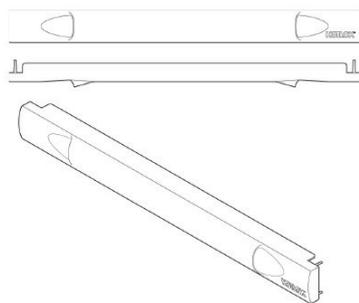
Patent Pending Design

U.S. design patent number D577,360 and multiple International design patents. U.S. and International utility patents pending.

Materials

High Impact Polystyrene
UL 94 HB Fire Rating
150°F (65.6°C) Maximum Operating Environment

1U Blanking Panel



2U Blanking Panel

