

DATAFLEX PVC STRIP CURTAINS AND SUSPENSION SYSTEMS

Anti-Static And/or Flame Retardant PVC Strip Curtains and Suspension Systems For Data Centre And Clean Room Applications

By separating cold aisles and hot aisles our DataFlex PVC Strip Curtains offer improvements in Data Centre cooling by providing the following benefits:

COST EFFECTIVE:

Our system is designed to be a “low tech”, cost effective, non intrusive solution that suits any data centre application. It is very cost effective compared to other market solutions and the results are extremely impressive in terms of cooling efficiencies.

ENERGY EFFICIENT:

The system is designed to promote improvements in data centre cooling and efficiently lowers your carbon emissions. Offering substantial energy savings by lowering your power usage.

PRODUCT SUITABILITY:

Our system is suitable for any data centre regardless of size and age. The system ensures all bespoke requirements can be catered for dependent on the individual data centre specifications, ideal for retrofit solutions or to complement airflow containment at the design stage.

FASTER:

Our hanging system is designed to facilitate ease of installation. Once the system has been installed individual strips simply push on, ensuring installation and strip replacement thereafter is without issue.

DESIGN:

The specifically designed suspension system ensures strips overlap and hang together exactly, creating a barrier wall which promotes improved airflow management, minimal system movement and minimized strip detachment. Allowing easy server access.



Photos above demonstrate the use of PVC strip curtains at Orange—BDP Data Center—Bristol and Yahoo in London.

FOR ANY QUESTIONS OR COMMENTS, PLEASE CONTACT OUR EXPERIENCED TEAM.

Rayflex is the UK's premier manufacturer and market leader in the supply of PVC strip curtain hanging systems. High quality extruded Anti-Static—Flame Retardant PVC strip curtains provide a simple, cost effective, non intrusive solution for datacentre heat problems — effectively separating cold aisles and hot aisles.

Our Anti-Static FR PVC curtains ensures that static electricity from objects / persons is dissipated back into the atmosphere. Eliminating /reducing static electric build up caused by the Triboelectric effect.

DATAFLEX SYSTEM OPTIONS:

We offer two systems dependent on the nature of your requirement, that guarantee easy access to your servers:

- **Standard Aluminum / HTP Suspension System** available in a standard length of 2430mm (bespoke requirements can be catered for— up to 5000mm). Punched to accommodate customer requirements including unistrut compatibility (as pictured below);



- **Premium Aluminium / HTP Drop Rod System** as above including the additional feature of an aluminium drop rod system (as pictured below);



DATAFLEX PVC STRIP OPTIONS:

All our strip curtains can be cut to any length depending on your requirements, they are pre-punched and ready to install according to your individual requirements

Available in the following dimensions:

- 200mm w x 2mm thick;

Recent publications including BT's "Green Data Centre Vision" and Netapp's Vision Paper "10 Techniques For Improving Datacenter Power efficiency" includes and recommends the use of PVC strip curtains.

To see these reports please view the following links:

What's BT doing?

http://www.btplc.com/ClimateChange/WhatsBTdoing/Ourstories/CaseStudy2_Curtains_Rochdale.pdf

Netapp's Vision Paper:

<http://www.trustco.co.uk/infocus/2008/netapp-datacenter-power-efficiency.pdf>

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