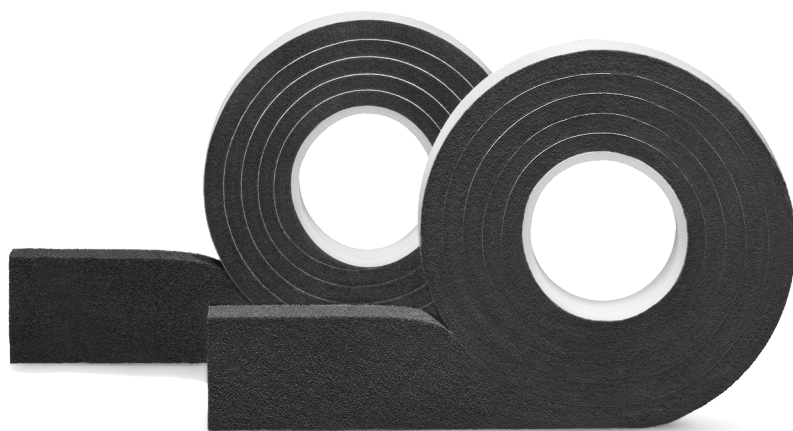


# RackSEAL Air Barrier



Preventing the recirculation of hot exhaust air within and between IT equipment racks plays an important role in reducing data centre cooling costs. Whilst blanking panels enable unused rack space to be blocked off, hot exhaust air has still been able to recirculate to the front of the rack via gaps between the sides of the cabinets and the rails, externally between racks or underneath the rack.

## Benefits

- Prevents hot air recirculating between cabinet sides and rails, between racks or underneath the rack.
- Reduces hot spots caused by hot air recirculation.
- Less heat contamination of conditioned cool air.
- Helps cut data centre cooling costs.
- Seals around cables.

RackSEAL Air Barrier from EDP Europe combats this issue and seals these gaps. RackSEAL is a compressed foam tape that expands to fill a range of gap sizes and works with 600mm or 800mm wide racks.

RackSEAL is easy to install, as it is self adhesive and is simply stuck to the side of the cabinet, the rack base or the rails. RackSEAL Air Barrier still permits cables to be passed between the side of the rack and the rails, and simply moulds itself around them to ensure gaps are sealed.

## Features

- Slow expansion allows RackSEAL Air Barrier to be installed without disturbing cables.
- Black in colour, and supplied on pre-compressed rolls.
- Self adhesive acrylic scrim makes installation to racks quick and easy.
- Virtually no particulation.
- RackSEAL Air Barrier is free from chlorinated compounds, CFC and halogens.
- Temperature operating range: -30°C to 130°C.
- Fire retardent: Class B1 as laid out in DIN 4102-1.



# RackSEAL

## Under Rack Sealing



**Rack With No Seal**  
Air can freely flow under rack



**RackSEAL Applied To Base of Rack**  
Once applied barrier starts to expand



**RackSEAL Expanded Under Rack**  
RackSEAL Air Barrier seals gap  
blocking bypass airflow

## Between Rack Side & Rails



**Seals Gaps on 600mm Racks**  
Whilst still allowing cable access



**Seals Gaps on 800mm Racks**  
Image Shows With and Without  
Air Barrier

## Product Specification

Part Number	Tape Width	Expanded Depth	Roll Length
41-25050	25mm (0.98")	50mm (1.97")	3.3m (129.9")
41-40125	40mm (1.57")	125mm (4.92")	2.6m (102.3")