

# PYROCIDE FILTER

## Fire-block meets stringent flame safety standards

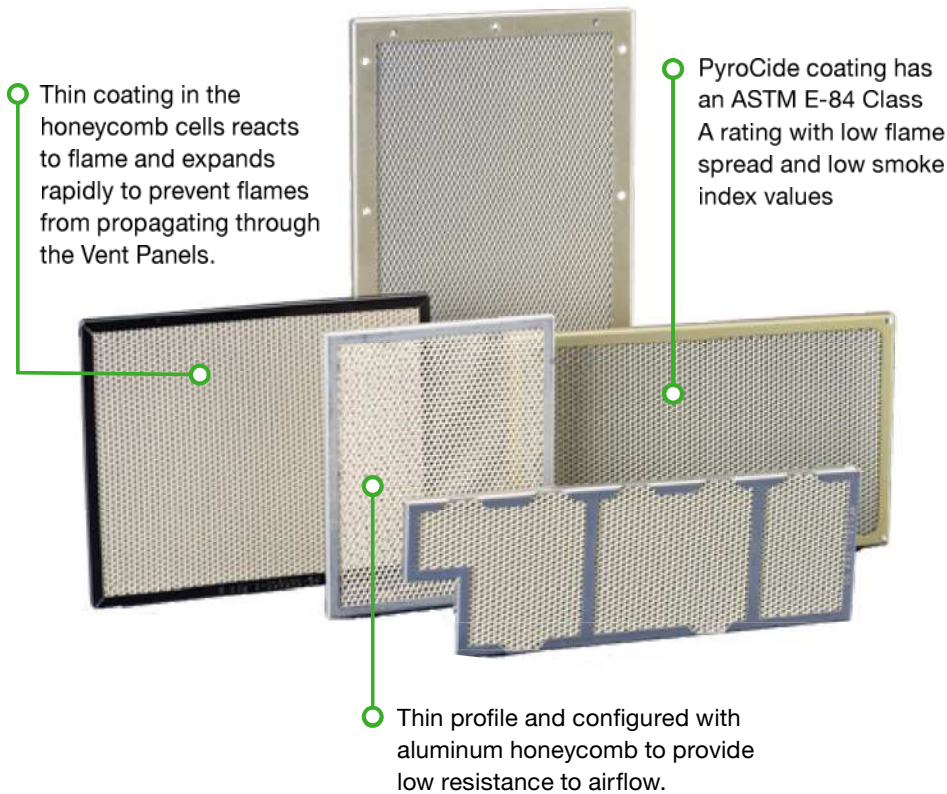
Custom PyroCide Vent Panels are the ideal solution for electronics enclosure applications required to meet stringent flame safety standards. Custom PyroCide Vent Panels are aluminum honeycomb thermal barriers treated with a heat responsive intumescent flame coating for fire containment in electronics enclosures. Products are designed with thin profiles and configured with aluminum honeycomb to provide low resistance to airflow. Edge-to-edge venting requirements and intricate designs are met with precision metal fabricated aluminum frames and housings.

### Performs three distinct functions:

- 1 Heat responsive intumescent flame coating contains fire in electronics enclosures.
- 2 Configured with aluminum honeycomb to provide low resistance to airflow.
- 3 Meets edge-to-edge venting requirements and intricate designs with precision metal fabricated aluminum frames and housings.

### SPECS:

Aluminum honeycomb is offered in a standard 0.125" cell diameter with thicknesses of 0.125" and 0.25".



**FAST FACT:**  
Custom sizes available up to 24" in width and 48" in length.

## The Universal PyroCide Air Filter Features:

The PyroCide coating has an ASTM E-84 Class A rating with low flame spread and low smoke index values. A thin coating in the honeycomb cells reacts on exposure to flame and expands rapidly, to prevent flames from propagating through the Vent Panels.

### Applications:

PyroCide Vent Panels offer low resistance for maximum air flow when installed in a variety of indoor and outdoor equipment and electronics cooling applications where preventing fire from propagating is critical. PyroCide media can be installed in a roll-formed channel frame or precision-fabricated, low-profile frame with a variety of shapes and sizes for equipment with limited space.

### Industries:

Custom PyroCide Vent Panels are designed for electronics enclosure applications serving the following industries:

- Communications –
- Telecom & Datacom
- Computer Networking
- Medical Instruments
- Military / Defense
- Industrial Machinery

### Media:

Honeycomb pattern of “cells” that are treated with a thin layer of heat responsive intumescent flame coating for fire containment in electronics enclosures. Honeycomb cells are open to allow for maximum airflow.



Model	Honeycomb Thickness	Frame Thickness
PHC-2X	3,17mm [0.125"]	5,85mm [0.23"]
PHC-FS12	3,17mm [0.125"]	5,34mm [0.21"]
PHC-3	6,35mm [0.25"]	7,62mm [0.30"]
PHC-FS25	6,35mm [0.25"]	8,38mm [0.33"]
PHC-5	9,53mm [0.375"]	10,93mm [0.43"]
PHC-FS38	9,53mm [0.375"]	11,68mm [0.46"]
PHC-5X	12,70mm [0.50"]	12,70mm [0.50"]
PHC-FS50	12,70mm [0.50"]	14,73mm [0.58"]

### Standards & Classifications:

Telcordia NEBS GR-63-CORE, IEC, CE and RoHS