

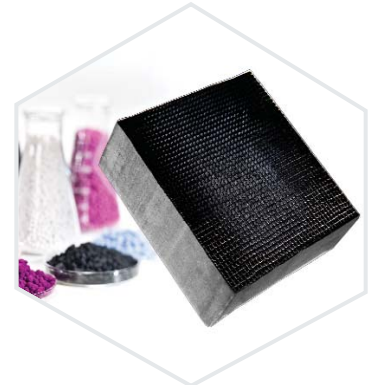
PRODUCT BULLETIN 4



GRIDBLOK™ Technology

In The PURA**GRID™** Filter

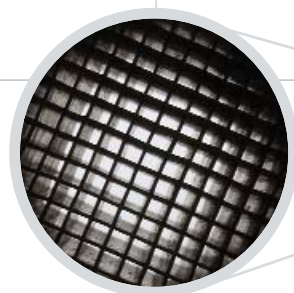
THE GridBLOK™ is the foundation for the next generation of gas-phase air filtration products. This revolutionary new medium is in the form of an extruded monolithic block consisting of a large number of small parallel cells or channels. The GridBLOK™ is composed of essentially 100% adsorbent materials allowing the entire composite structure to function as a gas filter within the newly developed PuraGRID Filter. This innovative filter features no bypass, low pressure drop and turbulent air flow with full utilization of the media and a dust free filter design. The GridBLOK is a self-supporting, life testable delivery system that eliminates the threat of media settling.



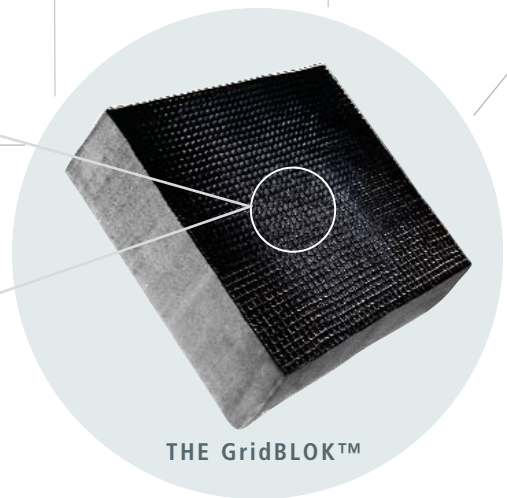
A GridBLOK for Your Application

Five GridBLOK formulations are currently available: The Purakol® GridBLOK, the Puracarb® GridBLOK, Puracarb® AM GridBLOK, the Chlorosorb® GridBLOK and the **NEWLY FORMULATED** IAQ GridBLOK. Just as their granular namesakes, they are effective against a number of gaseous contaminants and can be combined to provide the best performance in a wide range of applications. Purafil's state-of-the-art Research and Development Laboratory will continue creating additional formulations for this ground-breaking delivery system. The performance of the GridBLOK's monolithic structure-based system is comparable to, and in some cases superior to, traditional packed-bed media systems. Combine these media choices with low pressure drop, and performance characteristics and you now have a superior option for controlling gaseous contamination.

1	2	3	4	5
IAQ GridBLOK	PURAKOL® GridBLOK	PURACARB® GridBLOK	PURACARB® AM GridBLOK	CHLOROSORB® GridBLOK
The ONLY carbon media with a high removal capacity for formaldehyde, ozone, VOCs, hydrogen sulfide, and general odors. This newly designed composition has TWICE the removal capacity for formaldehyde than any other chemically impregnated media.	Used to ensure broad-spectrum removal of pollutants.	Manufactured specifically for corrosive environments and removal of acid gases, including hydrogen sulfide and sulfur dioxide, in industrial settings.	Used specifically for the control of ammonia and amines.	Manufactured with enhanced capacity for removal of chlorine.



MAGNIFIED VIEW OF THE GridBLOK™ CELLULAR STRUCTURE



THE GridBLOK™