



ExtendAir part # VM-1050P

Call for pricing, availability and technical information;

Tom Daley
tom.daley@microporeinc.com

Product Specialist
Micropore Incorporated

(443) 245-4129 office
(302) 220-8213 mobile
(302) 731-8214 fax

Manufactured by: Micropore Incorporated
350-F Pencader Drive
Newark, DE, 19702

ExtendAir® is a product of Micropore Incorporated.

www.ExtendAir.com

ExtendAir® PowerCube™

***Leading the world in
CO₂ Absorbent Technology***

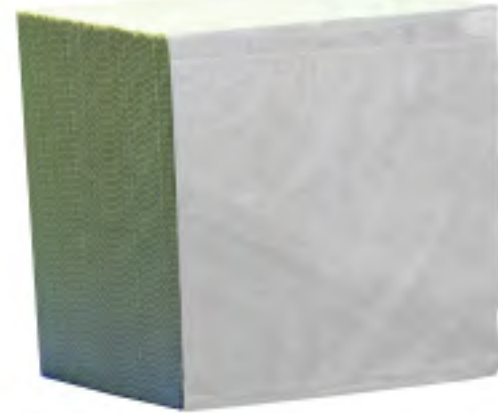
ExtendAir®
CO₂ ABSORBENTS



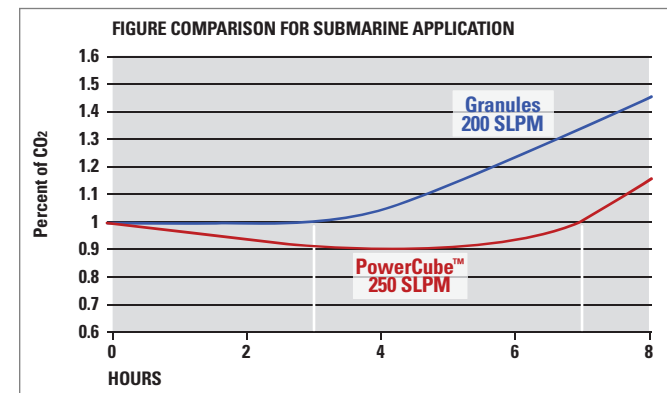
Latest CO₂ Scrubbing Technology for Life Support on Diesel/Electric Submarines

The ExtendAir® PowerCube™ is a solid CO₂ absorbent designed to replace granular CO₂ scrubbing systems on submarines. This solid technology offers superior benefits and performance over competitive granular applications in critical life support systems.

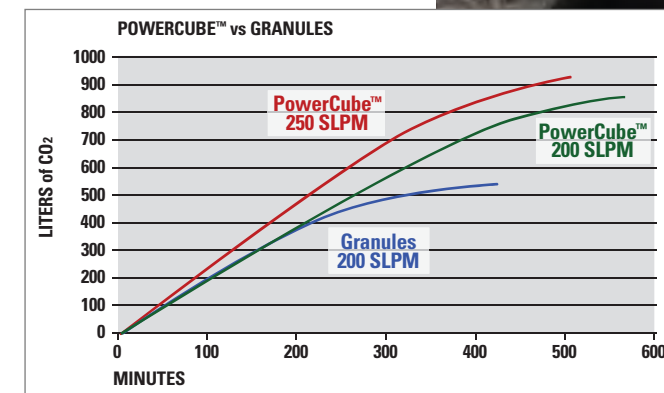
- No dusting or settling for consistent performance over the usable life of the cartridge.
- 33% more absorbent per container provides same term of life support with reduced storage volume allowing longer duration of missions with current allotted storage lockers.
- 5 times lower pressure drop than granular container which translates to a higher CO₂ absorption rate for extended crew support or less frequent change outs.
- PowerCube™ has the capacity to remove 70% more CO₂ or last 133% longer in a submarine environment.



Retrofit



PowerCube™ versus granules— compartment CO₂ concentration.



PowerCube™ versus granules— total liters of CO₂ removed at 1% CO₂ inlet.



www.ExtendAir.com

ExtendAir[®] PowerCube[™]

***Leading the world in
CO₂ Absorbent Technology***

ExtendAir[®]
CO₂ ABSORBENTS

