



PowerCube® part # VM-1050P (Calcium Hydroxide)
VM-2560P (Lithium Hydroxide)

Call for pricing, availability and technical information;

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www.ExtendAirUSA.com

ExtendAir® PowerCube®

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

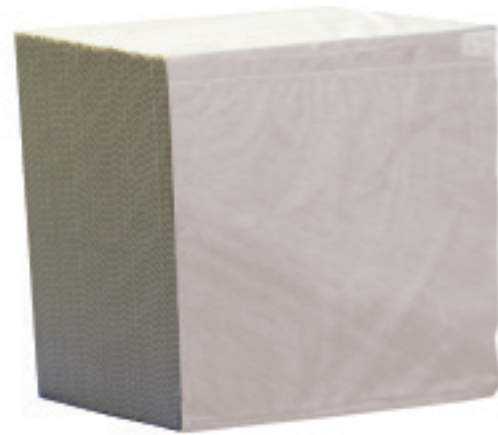
ExtendAir®
CO₂ ABSORBENTS



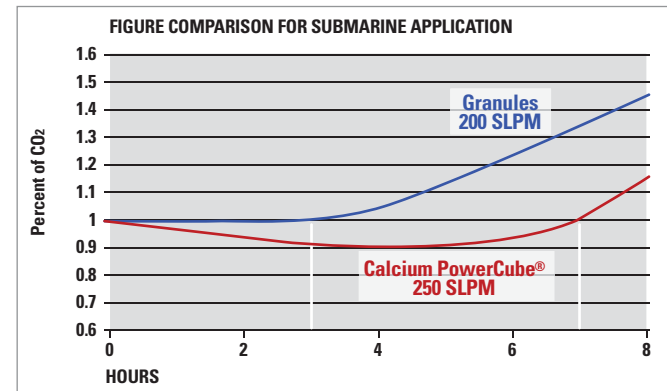
Latest CO₂ Scrubbing Technology for Life Support on Diesel/Electric Submarines

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

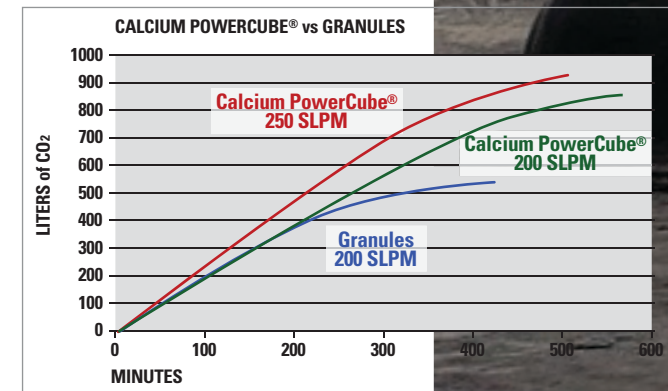
- No dusting or settling for consistent performance over the usable life of the cartridge.
- 33% less storage volume for same calcium hydroxide mass of granules.
- Lower pressure drop allows higher flow rates which translates to a higher CO₂ absorption rate.
- 42% increased duration vs. granules for calcium hydroxide PowerCube®.
- 54% increased duration vs. granules for lithium hydroxide PowerCube®.



Retrofit



Calcium PowerCube® versus granules—
compartment CO₂ concentration.



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