

Lithium Hydroxide ExtendAir CO₂ Absorbents



Product Features:

- 30% more mass of LiOH per unit volume compared to granules
- Significantly reduced caustic dust exposure compared to granules
- Unequaled performance even without electrical power (passive use)
- Quick, easy-open can, no extra tools required



Product: *ExtendAir*[®] Lithium Hydroxide Cartridge

Dimensions: Length—295 mm, Diameter—166 mm

Absorbent Density: 0.64 g/cc

Absorbent Performance:

Active — In forced-air hopper system, approx 0.75 lb CO₂/lb LiOH

Passive — Hanging cut sheets, 0.794 lb CO₂/lb LiOH

Net absorbent weight of material: 3.9 kg per can

Gross weight (packaged absorbent): 4.6 kg per can

Manufactured by:

Micropore
INCORPORATED

350F Pencader Drive
Newark, Delaware 19702

www.ExtendAir.com

Phone: 302-731-4100 ext. 27

Fax: 302-731-8214

Email: milinfo@microporeinc.com



Micropore
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Other lengths and diameters available upon request.

Passive CO₂ absorption 2-day profile

Features:

- No dust
- Ease of deployment
- Higher packing density compared to granules
- Available in Mil Spec packaging
- Passive CO₂ absorption
- More efficient absorbent structure

Benefits:

- No need for mask protection while deploying.
No settling of contents in storage and handling.
- No extra tools required to open cans.
- 25-40% fewer cans needed to achieve life support goals;
less stowage space needed
- Safeguards product during storage.
- No power required.
- Rapid CO₂ reduction to acceptable level.
Less likely to see CO₂ related problems

Emergency Use:

# of People to Support	# Cans Needed Every 11 Hrs
5	1
15	3
30	5
45	8
60	10
75	13
90	15
105	18
120	20

To deploy passively, unroll each cartridge, cut cartridge into 1.5 meter sheets, hang cut sheets

Atmospheric CO₂ - ExtendAir Curtain

