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

Other lengths and diameters available upon request.
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:

<table>
<thead>
<tr>
<th># of People to Support</th>
<th># Cans Needed Every 11 Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td>15</td>
<td>3</td>
</tr>
<tr>
<td>30</td>
<td>5</td>
</tr>
<tr>
<td>45</td>
<td>8</td>
</tr>
<tr>
<td>60</td>
<td>10</td>
</tr>
<tr>
<td>75</td>
<td>13</td>
</tr>
<tr>
<td>90</td>
<td>15</td>
</tr>
<tr>
<td>105</td>
<td>18</td>
</tr>
<tr>
<td>120</td>
<td>20</td>
</tr>
</tbody>
</table>

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

Atmospheric CO₂ - ExtendAir Curtain

For more information, contact us at milinfo@microporeinc.com