

# SURSORB PACO-2

Pelletized activated carbon filter media for CO<sub>2</sub> Removal

## BREATH SAFELY AND WITHOUT ANY CONCERN! SURSORB PACO-2 - Standard Product Specifications

**SURSORB PACO-2** is an alkali impregnated adsorbent, it has been an attractive choice for space flight filters due to its high capacity for carbon dioxide capture (CO<sub>2</sub>) and fast kinetics. The process is exothermic reaction of alkali metal with Carbon monoxide (CO) to form solid compound and water (H<sub>2</sub>O)

Rebreather-type personal protective equipment requires efficient removal of CO<sub>2</sub> from the air that the user exhales. The required operating conditions of low CO<sub>2</sub> partial pressure, low temperature, and water saturation create a challenging environment for developing high capacity CO<sub>2</sub> adsorbents.

### Typical Applications

- CO<sub>2</sub> gas removal

### Features and Benefits

- Large adsorption capacity and fast kinetics.
- Longer operation range

### Available Particle Sizes

- The size of the product can be as per the customer specification

### Standard Packaging

- 25 kg PP bags (55 lbs)
- 500 kg jumbo bags (1100 lbs)
- Other packing can be possible on request

