

Micropore EAC SM0655C Military Grade CO2 Absorbent

FEATURES

- Military grade CO2 scrubber cartridge using Micropore ExtendAir® technology
- Up to 4 hour duration in Open Safety's rebreathers
- Flood tolerant: reduces risk of caustic cocktail
- No dust risks: safe to install in confined spaces
- No slumping or tunnelling risks
- No clumping: supporting multiple dives
- Lower work of breathing than granules
- Long duration: 2.2kg of EAC = 2.6kg of granules
- Fitted or replaced in seconds even in darkness
- "Instant On", with no warm up or pre-breathe needed
- CE certified
- Five year shelf life



Above: Micropore ExtendAir SM0655C

DESCRIPTION

SM0665C ExtendAir® Cartridges are a Calcium Hydroxide based high performance military grade CO2 absorbent embedded in a polymer matrix for flood tolerance, and are optimised for Open Safety's Incursion range of rebreathers.

ExtendAir® Cartridges (EACs) work by reacting chemically with CO2 to produce water vapour and chalk. They neither adsorb (meaning to gather a substance on a surface, such as Charcoal adsorbs some gasses), or absorbs (meaning to soak up like a sponge). However it is common to use the term absorbent to describe the EAC as it removes CO2 from a gas stream and is therefore described as CO2 absorbent.

EACs supplied by Open Safety are free of indicator dye to avoid chemical toxicity hazards for divers.

Each EAC weighs 2.2kg, supporting a dive duration equivalent to 2.6kg of military Grade D granules. Dive duration of up to four hours per EAC are achieved in the Open Safety Incursion range of rebreathers. Refer to the rebreather user manual for duration under different depth, workload and ambient temperatures.

A chemical Safety Data Sheet is supplied with each shipment.

SHIPPING INFORMATION

EACs are packed in boxes of four with a minimum of two boxes shipped together.

Each box is 29 x 29 x 29cm and weighs 9.6kg: two boxes weigh 19.2kg. For bulk orders, EACs are packed onto 120 x 120 x 140cm pallets, each pallet containing 288 EACs, 720kg gross. A 20ft shipping container contains 8 pallets.

Manufactured in the USA.

ORDERING INFORMATION

Model number SM0655C: A single ExtendAir® Cartridge for an Open Safety Incursion range rebreather.

Note minimum quantity for order is eight EACs. The most efficient order quantities are full pallets of 288.

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