

We Hope You Never Use This

But if you do,
it could save your life

Emergency Desalination Pouch



SeaPack Crew™

A Revolutionary Concept in Ocean Survival

Powered by forward osmosis and HTI's revolutionary membrane technology, the SeaPack Crew provides emergency hydration fluids from saltwater sources. Because the SeaPack Crew utilizes a passive osmotic process, it is by far the easiest desalination technology available, even lending itself to one hand operation in case of injury. The SeaPack Crew comes in a package with three single use pouches that include a tether to secure the product to a life raft. The pouches are portable, compact and will produce a clean drink in as little as 8 hours.

HOW IT WORKS:

Osmosis is a natural process that involves the passage of water through a membrane due to osmotic pressure generated by a high concentration of dissolved solids on one side. The SeaPack Crew uses sugar to create this osmotic pressure, and water is drawn through the membrane filter to dilute the sugar while the salt molecules are blocked by HTI's membrane. The SeaPack Crew rejects up to 97% of the salt in seawater. In independent laboratory tests, the SeaPack Crew filters meet or surpass reductions for bacteria, viruses, and cysts as specified by the EPA for water purifiers.

Boaters, aviators and military personnel will also benefit from the important calories the SeaPack Crew delivers, which will be a source of energy boosting nutrients during an emergency survival situation.

The SeaPack Crew boasts simplicity of operation; just secure the tether, open the zip, shake the powder down into the membrane compartment and immerse the single use pouch into seawater. Nature takes over from there, osmotically drawing fresh water through the membrane while rejecting the salt molecules.

With 68°F (20°C) water, each SeaPack Crew pouch will produce a full 17 fl.oz. (500 ml) of lifesaving fluid in 10 hours.

SYSTEM SPECIFICATIONS:

Volume: 17 fl.oz. (500 ml) per pouch

Filter Life: Three single-use pouches

Filter Output From One Pouch: 17 fl.oz. (500 ml) in 10 hours at 68°F (20°C) and
15 hours at 41°F (5°C)

User Effort: minimal, no work required for filtering



HTI Authorized Distributor

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