

# Crunch Oil<sup>®</sup>

HYDROCARBON ABSORBENTS



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# FLOATING PILLOW



The **FLOATING PILLOWS** are polypropylene pads filled with organic fibers, 100% natural and biodegradable, designed specifically for use in spills of hydrocarbons on water, absorbing supernatants generated by the hydrocarbons from the surface of the water. They do not disintegrate or sink, even when saturated, allowing rapid recovery and effective spill control.

## APPLICATIONS

The **FLOATING PILLOWS** are suitable for use in decanting chambers / settling tanks absorbing the hydrocarbons that float on the surface.

They can be used in the sea, on river courses and, in general, on water surfaces, allowing the stabilization of the area of the spill until total control is achieved.

The absorption of hydrocarbons (depending on the spilled product) can reach ranges greater than 5 times the weight of fiber contained.



The absorbed product is encapsulated thanks to the particular structure of the fiber.

## PHYSICAL AND CHEMICAL PROPERTIES

- Physical appearance: greenish-blue fiber.
- Specific weight: 0.20-0.22
- Humidity: 5.5%.
- Residue by ignition: 4% ash.
- Inert materials: 0.5%.
- PH: 7 (Neutral)
- Flash Point: 280 - 290 ° C
- Absorption capacity: 5 to 8 times its own weight (depending on the characteristics of the absorbed substance)

## ADVANTAGES

- Great absorption capacity and performance.
- Highly hydrophobic (repels water).
- Fireproof: it only carbonizes from 280°C, and it does not generate a flame.
- Due to its encapsulation capacity, it does not leach, avoiding indirect contamination.
- 100% biodegradable and natural.
- Ecological and friendly to the environment.
- Dries clean, without the need to use water.
- Non-toxic in its original form (non-polluting fibers).
- Easy-use, easy-application and high-absorption speed.
- There is no expiration date, but it is recommended to use the product within 3 years from the packing date.

# FLOATING PILLOW

## PRESENTATION

Code	Product	Dimensions	Weight
110557	Floating Pillow	500 x 400 mm.	1 kg
110564	Heavy Duty Floating Pillow	1000 x 1000 mm	3 kg

In the presence of strong acids or alkalis, although it maintains its absorption capacity, it must be removed quickly, since it can be chemically attacked. As it is an organic material, it is necessary to carry out a compatibility test for its use. See the list of substances already tested. Although the fiber is non-toxic and fire-proof, when it absorbs a dangerous substance, it acquires this characteristic, becoming dangerous waste from that moment on.

### LIMITATIONS

- Test of biodegradability and non-toxicity: DETI Laboratory, National University of Cuyo, Argentina
- Acute toxicity bioassay and efficiency test: Faculty of Marine Sciences, University of Valparaíso, Chile
- Certificate of authorization of use: DIRECTEMAR, Chile Navy
- Certificate of authorization of use: SEREMI Chile.
- Leaching test of hydrocarbons: Water Laboratory, National Technological University, Mendoza, Argentina
- Leaching test for hydrocarbons: DETI Laboratory, National University of Cuyo, Argentina
- Certificate of natural origin, CONICET, University of Comahue, Argentina

### CERTIFICATIONS

It is advisable to store it in dry places, keeping the containers closed and preferably placed on pallets.

### STORAGE



Once contaminated, the product can be sent to final disposal through incineration or landfills according to the current legislation of each site.

### FINAL DISPOSAL