

Crunch Oil[®]

HYDROCARBON ABSORBENTS



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BOOM HEAVY DUTY

The BOOMS HEAVY DUTY are “curtain-style” booms composed of polypropylene skirts filled with organic fibers, 100% natural and biodegradable, designed to be used for oil spills on bodies of water, containing and absorbing the supernatant of hydrocarbons that floats on the surface of the water. They have accessories that allow them to join one another, forming floating barriers to contain large oil spill spreads.



APPLICATIONS

They can be used on the sea, on river courses and, in general, on all types of water surfaces that do not have turbulence. BOOMS HEAVY DUTY are suitable for spill control in port areas, yacht clubs, and in general, on any type of calm body of water. They remain afloat, even when they are saturated by the hydrocarbon, allowing them to stabilize the area of the spill until total control of the situation is achieved. At their ends, they have very strong hooks (carabineers) that allow them to join to one another, forming large floating barriers to contain hydrocarbons. This system facilitates the collection of the skirts.

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.

PRESENTATION

Code	Weight	Size
110489	7kg approx.	200x3200mm

STORAGE

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

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).

BOOM HEAVY DUTY

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 of hydrocarbons: DETI Laboratory, National University of Cuyo, Argentina.
- Certificate of natural origin, CONICET, University of Comahue, Argentina.

CERTIFICATIONS



This new containment and absorption barrier design includes a laminated polypropylene fabric on one side of the barrier (exterior), which also acts as a flap when it is put into the water a few centimetres below the water line. In this way, the BOOM WITH FLAP becomes a more versatile barrier than the COMMON BOOM, because it not only contains and absorbs, but also prevents the hydrocarbon from passing through or below the barrier.

Six carabineers create the connections between the barriers at three points:

1. Top tape
2. Middle tape
3. Ballast chain

Also, an adherent material (velcro) connects the waterproof fabric to the BOOM, allowing them to be completely closed off at the connection points.

BOOM HEAVY DUTY WITH FLAP (NEW VERSION)