



ATTENTION!
SOAK THE MEMBRANE
IN A CONTAINER WITH CLEAN WATER
FOR 5-7 MINUTES BEFORE USE

USER MANUAL

Dip net for collecting oil products
from water surface
Spilltex®



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Description

The Spilltex® dip net for collecting oil products from the water surface features a convenient portable design with a telescopic handle and consists of a lightweight and durable foldable rig with a response surface made of Spilltex® membrane fixed on it (Figure 1), which allows water to pass through, retaining any oil products (diesel fuel, gasoline, oils, crude petroleum, etc.).



Figure 1. The Spilltex® dip net for collecting oil products from the water surface: 1.1. Rig; 1.2. Spilltex® membrane fixed on rig; 1.3. Telescopic handle; 1.4. Dip net assembled.

Specifications

Parameters	Spilltex® Dip Net
Filtering surface area, sq.m.	0.16
Filtering capacity in collected oil, lph	up to 100
Service life of the membrane:	
- in collected oil products, l	580
- in filtered water, l	5800
- in number of scoops,	1000

Parameters	Spilltex® Dip Net
Number of cycles*	up to 20
Purification efficiency, %	up to 99
Length of assembled dip net, m	1.6 – 2.5
Length of telescopic handle, m	1.2 – 2.0
Folded dimensions (L x W x H), m	1.2×0.2×0.05

*Cycle of use – sequential activation, collection of oil products and regeneration of the Spilltex® Membrane in accordance with this manual.

Assembly

1. Install Spilltex® Membrane (replaceable response surface) in the rig: slide the membrane through the guide.
2. Attach (screw in) the telescopic handle to the rig.

Preparation

Membrane activation

The membrane can be used only when wet. To achieve this, the membrane must be soaked in a container with clean water (free of oils, crude oil, petroleum products, etc.) for 5-7 minutes. The membrane must be completely submerged in water. If this is not possible, the membrane should be soaked alternately on both sides. In this case, it is necessary to visually control the uniformity of wetting of the membrane surface.

Do not wring out the membrane after soaking. After soaking, as well as during operation, do not allow the membrane to dry out. When in contact with oil products, the dry membrane surface will decrease the efficiency of the dip net. .

Usage

Collecting oil products

Collect oil products from the water surface as follows (Figure 2): dip the working surface of the dip net into a reservoir contaminated with oil products to a depth of no more than 5 cm and scoop up oil products by moving the dip net 20 cm forward (Figure 3), then remove the dip net from the water with an upward

movement (Figure 4), wait for the water to completely drain through the Spilltex® membrane (Figure 5) and then drain the remaining oil products into a waste container (Figure 6).

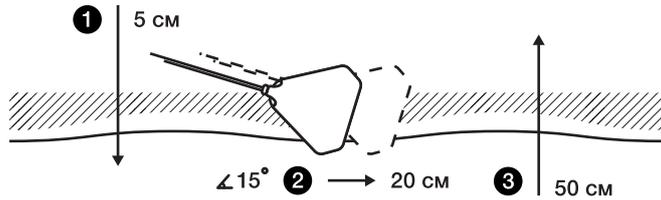


Figure 2. Scheme of using Spilltex® dip nets when collecting oil products from the water surface.



Figure 3. Scoop up.



Figure 4. Remove the dip net from the water.



Figure 5. Wait for the water to drain completely through the membrane.



Figure 6. Drain oil products.

Attention! Avoid prolonged contact of oil products with the surface of the Spilltex® membrane after the water runs off, as this will decrease its efficiency.

Membrane regeneration

The Spilltex® membrane can be reused. To do this, after completion of work, it is necessary to thoroughly wash the membrane (rinse it in clean water) to remove any oil products from it.

Important! Don't use detergents, abrasive materials or brushes for washing (rinsing) the membrane.

After cleaning the membrane from oil products, leave the dip net for ten minutes in an upright position for water to drain. Then the membrane must be dried. After drying, the membrane is ready for reuse.

Disposal

Dispose of contaminated materials (membrane) in accordance with legislation in force.

Attention!

Spilltex® membrane performance may be affected by the charge of oil, which can stick to Spilltex® membrane if oil and Spilltex® are charged with the opposite charge. In case of oil sticking to Spilltex®, please ensure the same charge of oil and Spilltex® by soaking the membrane for couple of minutes in a slightly alkaline solution – dissolve 5 grams sodium bicarbonate, or sodium carbonate, or baking soda in 1 liter of clean water.