Diverse Environmental Solutions

Hydrocarbon Detection Strips

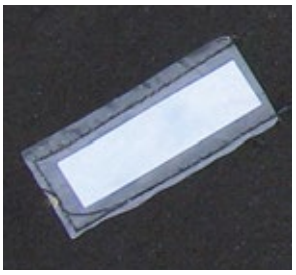
Simple and Proven Oil Detection

The Hydrocarbon Detection Strips can quickly and accurately determine the presence of hydrocarbons in water. When the Hydrocarbon Detection Strip is introduced into a potential hydrocarbon situation, the light blue strip will turn a darker blue if hydrocarbons are present. The color intensity and size of the darker blue areas are indicators of the quantity of hydrocarbons contained in the sample. If the sample contains no hydrocarbons, the strip will not moisten or discolor.

The Hydrocarbon Detection Strip turns a darker blue when hydrocarbons are present.

Applications:

Hydrocarbon Detection Strips can be used to detect hydrocarbon contaminated water in elevator shafts, underground utility vaults and manholes, retention and secondary containment vessels, and out-fall on oil-water separators prior to pumping out the water. A Hydrocarbon Detection Strip is used on the BCI EVAC Filtration System to determine when the filter is nearing its maximum hydrocarbon retention level.



The Hydrocarbon Detection Strip is used on the DES EVAC Filtration System.

Hydrocarbon Detection Strips come in a hard plastic container.

Performance Specifications:

The sensitivity of the Hydrocarbon Detection Strip is dependent upon the solubility of the hydrocarbons. By moving the strip back and forth a few times at the surface of the water, the following values can be detected:

Example of Hydrocarbons	Lower Limit PPM of Water	Clearly Detectable PPM of Water
Petroleum Ether (B.P. 40-80C)	250 PPM	400 PPM
Gasoline (High Octane)	10 PPM	25 PPM
Heating Oil	5 PPM	10 PPM
Lubricating Oil	1 PPM	5 PPM

When testing volatile substances, the color reaction must be evaluated immediately due to rapid fading.

Benefits:

- The Hydrocarbon Detection Strip measures 2.75" x .75" and comes in a hard plastic container, 100/pk.
- The Hydrocarbon Detection Strips can detect the presence of hydrocarbons in water prior to pumping thus eliminating potential fines.