

# Double Carcass Floating Hose

## '22' SERIES

EMSTEC provide a range of high quality, high performance, oil suction and discharge hoses, extensively used at offshore moorings throughout the world. The EMSTEC **Double Carcass Floating** hoses are utilized in high integrity surface installations such as EPS, SBM, CALM, SALM offloading in addition to FPSO, FSO Tandem offloading configurations.

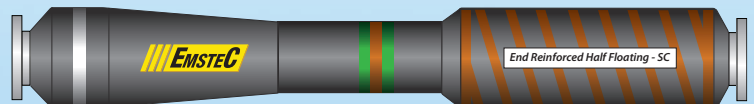
In addition to the standard hose carcass (commonly termed 'primary' carcass), EMSTEC **Double Carcass Floating** hoses incorporate an additional second carcass designed to contain any product escaping from the standard carcass as a result of a slow leak or sudden failure. An effective, robust and reliable leak detection and indication system is provided.

EMSTEC Double Carcass Submarine hoses fully comply with the requirements of the "Guide to Manufacturing and Purchasing Hoses for Offshore Moorings, **OCIMF/GMPHOM 2009 - 5th Edition**".

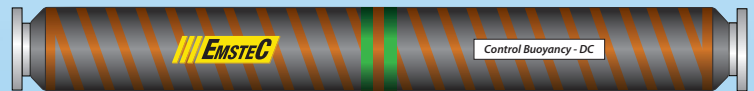
All hoses are designed and manufactured under a quality system in accordance with ISO 9001.

For performance characteristics and specification, please refer to EMSTEC data sheet 'Double Carcass Hose Specification'.

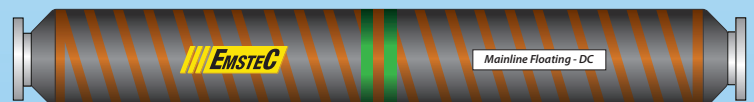
### 22110 FDC - End Reinforced Half Floating (ie. First off Buoy)



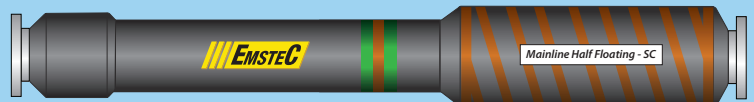
### 22120 FDC - Controlled Buoyancy



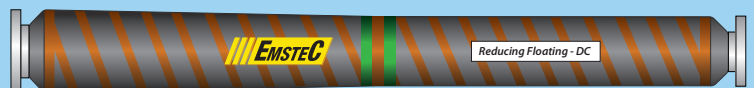
### 22130 FDC - Main Line Floating



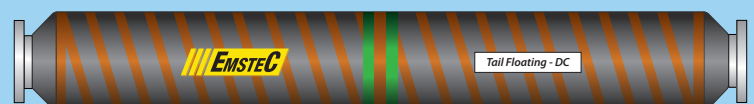
### 22140 FDC - Main Line Half Floating



### 22150 FDC - Reducing Floating



### 22160 FDC - Tail Floating



## EMSTEC GmbH

Gewerbering 8 · 22113 Oststeinbek

Tel. +49 (0)40 79 686 345 · Fax +49 (0)40 79 686 702

e-mail: [info@emstec.net](mailto:info@emstec.net) · web: [www.emstec.net](http://www.emstec.net)