

Double Carcass Submarine 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 Submarine** hoses are utilized in high integrity sub-sea installations such as MBM, CALM, SALM configurations (i.e. Steep 'S', Lazy 'S', Chinese Lantern).

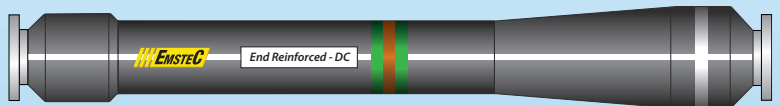
In addition to standard hose carcass (commonly termed 'primary' carcass), EMSTEC **Double Carcass Submarine** hoses incorporate an additional second carcass designed to contain any product escape from the standard carcass as a result of a slow leak or sudden failure. Effective, robust and reliable leak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

The 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**".

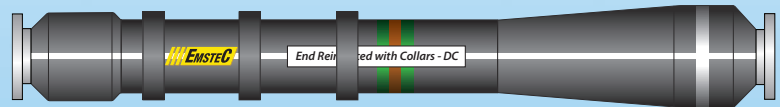
All hoses are designed and manufactured under a quality system in accordance with ISO 9001.

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

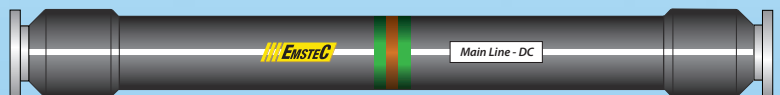
22210 SDC - End Reinforced without float collars (i.e. under Buoy)



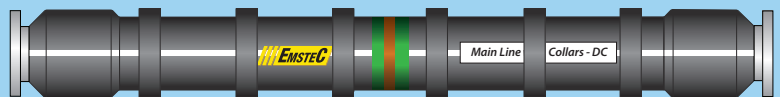
22310 SDCF - End Reinforced with float collars (i.e. under Buoy) *



22220 SDC - Main Line without float collars



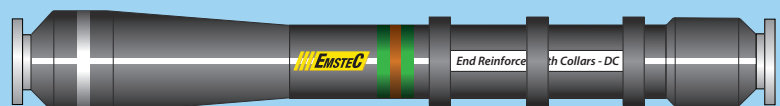
22320 SDCF - Main Line with float collars



22230 SDC - End Reinforced without float collars (i.e. off PLEM)



22330 SDCF - End Reinforced with float collars (i.e. off PLEM) *



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*Note: Number and distribution of float collars can be adjusted to suit client specific requirements.