

SEAFLEX The Mooring System

Safety First

The SEAFLEX unique construction as a progressive expanding or exponential mooring device serves to provide a smooth, damping effect of all movements in water. The number of SEAFLEX rubber hawsers used is dependent on the forces involved. The hawsers length is pre-determined in correlation to the variation in water level. SEAFLEX is extremely safe and maintains the position of the pontoon or buoy independent of water level variations or wave-induced movements. The SEAFLEX system can be dimensioned for application in the strongest hurricanes.

The Environmental Solution

SEAFLEX has no harmful effects on the marine ecosystems and does not damage the extremely sensitive seabed. This is a consequence of SEAFLEX being in a constant state of tension between anchors and pontoon.

SEAFLEX requires little maintenance, is easy to install and remains strong year after year.

SEAFLEX proves to be the most cost effective mooring system on the market.

SEAFLEX 1 or 2 rubber hawsers

Standard model for smaller pontoons and buoys



SEAFLEX 3, 4 and 5 rubber hawsers

Standard model for average size pontoons



SEAFLEX 6, 8 and 10 rubber hawsers

Standard model for large pontoons and wave attenuators

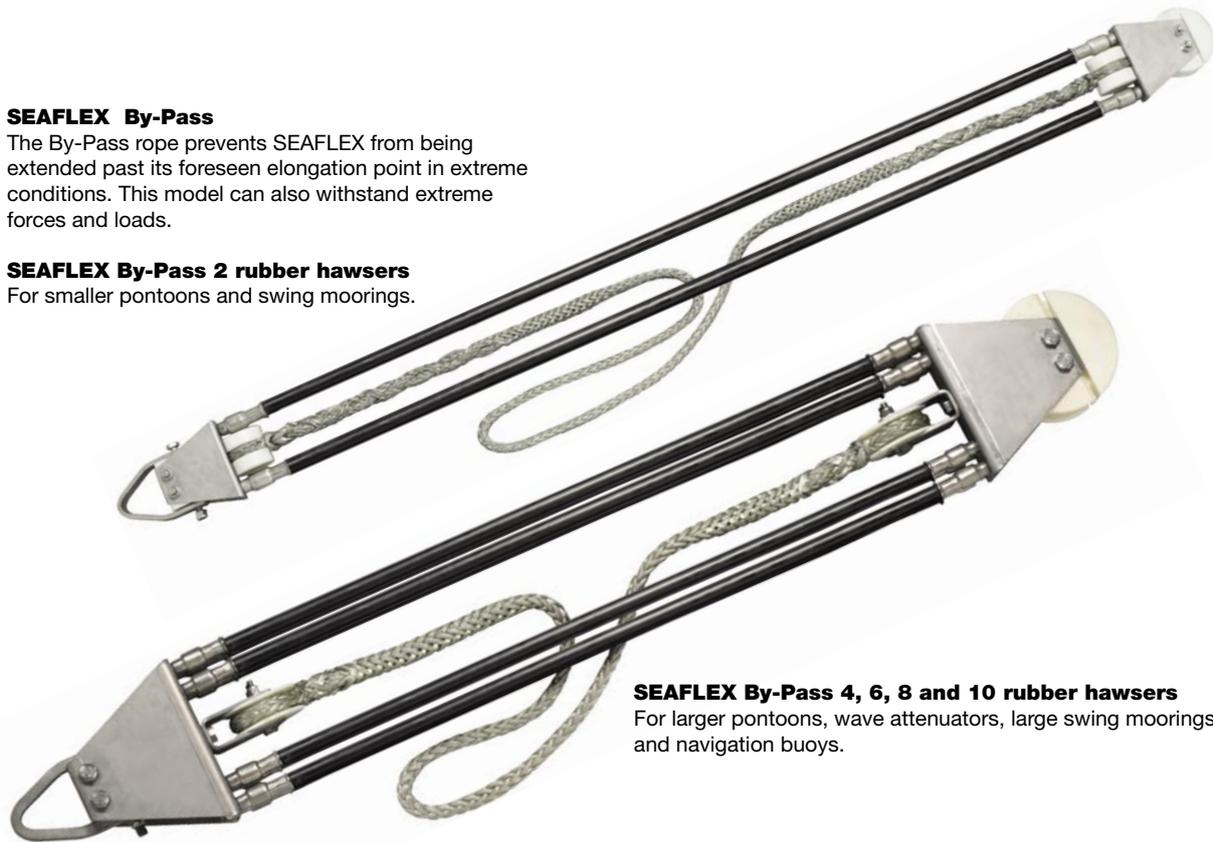


SEAFLEX By-Pass

The By-Pass rope prevents SEAFLEX from being extended past its foreseen elongation point in extreme conditions. This model can also withstand extreme forces and loads.

SEAFLEX By-Pass 2 rubber hawsers

For smaller pontoons and swing moorings.



SEAFLEX By-Pass 4, 6, 8 and 10 rubber hawsers

For larger pontoons, wave attenuators, large swing moorings and navigation buoys.

SEAFLEX SPRING

SEAFLEX SPRING with its unique design is the most effective method of shock absorption mooring between land and pontoon. The SPRING can absorb the forces created by load variations. The construction consisting of shock elements made from special rubber and stainless steel fittings combines to create a silent spring with a long life expectancy.



SEAFLEX EE - Models

A slight variation in the SEAFLEX construction with specially developed end fittings in stainless steel. Designed for small jetties and buoys.



SEAFLEX Buoy

The tough swing mooring for the sensitive environment.

This SEAFLEX Buoy is part of the Cycleau Project which is a European Environmental Project, a new initiative to minimise any impact swing moorings may have on our fragile environment. The project consists of running a test over 2 years where four pairs of moorings are surveyed to establish any differences and their impact on the environment. By comparing conventional chain moorings with the SEAFLEX system the study is designed to measure any of these differences.



SEAFLEX End fittings

MODEL EE
Single rubber hawser.



MODEL EE
Twin rubber hawser.



Stainless or galvanised SEAFLEX shackle.



Nylon SEAFLEX Thimble

