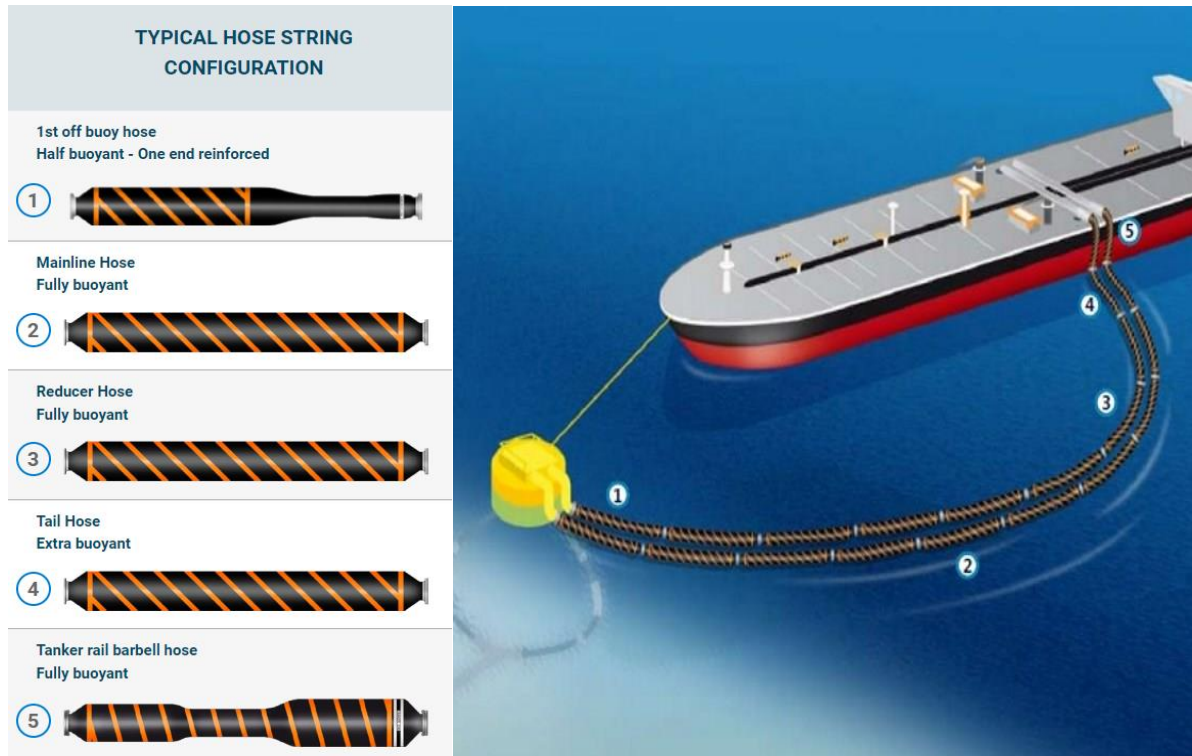


# Catenary Anchor Leg Mooring (CALM)- Floating



## Applications

Carcass hoses are recommended for dynamic loading and offloading buoy, that serves as a mooring point for tankers and as a link between the Pipe Line End Manifold (PLEM) and shuttle tankers. They're used both in shallow and in deep waters for import/ export of crude oil, oil byproducts from oilfields or refineries. Single or Double carcass available.

## Functions

Ambient Temperature range	: -29 °C a +52 °C
Fluid Temperature range	: -20 °C a +82 °C
Sizes	: from 6" to 24"
Maximum flow velocity	: 21 m/s
Minimum burst pressure	: 75, 95 or 105 bar
Rated working pressure	: 15, 19 or 21 bar

## **Construction**

Lining : NBR rubber suitable for crude oil and oil by products

Reinforcement : Multiple plies of wire steel cord with one embedded helical body steel wire

Cover : chloroprene black synthetic rubber resistant to oil, abrasion, sunlight

Flange type : ASME B 16.5 class 300 lb or 150 lb, WN FF or RF (different flanges on request)