

## SUBMARINE DOUBLE CARCASS 15 bar 7000 Series

Double Leak  
Detection System

Double carcass hose developed and tested for offshore mooring applications

## Type 7632S Mainline Hose



| Nominal<br>Bore<br>(mm) | Outside Diameter<br>(mm) |           |   |   | Weight in Air Empty (kg)                |                 |                 | Minimum<br>Bending<br>Radius<br>(m) |
|-------------------------|--------------------------|-----------|---|---|---|-----------------|-----------------|-------------------------------------|
|                         | D1<br>Body               | D2<br>End |   |   | Submerged Weight Full of Sea Water (kg) |                 |                 |                                     |
|                         |                          |           |   |   | 9.1m<br>(30ft)                          | 10.7m<br>(35ft) | 12.2m<br>(40ft) |                                     |
| 150<br>(6")             | 290                      | 410       | - | - | 732<br>204                              | 822<br>213      | 906<br>222      | 0.6                                 |
| 200<br>(8")             | 355                      | 480       | - | - | 1002<br>285                             | 1127<br>298     | 1245<br>311     | 0.8                                 |
| 250<br>(10")            | 410                      | 540       | - | - | 1279<br>387                             | 1439<br>406     | 1588<br>424     | 1.0                                 |
| 300<br>(12")            | 480                      | 620       | - | - | 1699<br>557                             | 1913<br>591     | 2114<br>622     | 1.2                                 |
| 400<br>(16")            | 570                      | 715       | - | - | 2255<br>797                             | 2537<br>845     | 2800<br>891     | 1.6                                 |
| 500<br>(20")            | 685                      | 830       | - | - | 2871<br>1015                            | 3241<br>1084    | 3587<br>1148    | 2.0                                 |
| 600<br>(24")            | 820                      | 975       | - | - | 3969<br>1404                            | 4501<br>1509    | 4999<br>1607    | 2.4                                 |

- Double Carcass Hose **perkenside** SAFE Mainline Submarine Hose for use as the main submarine hose in the string to connect between sea bed manifold and buoy connection used on monobuoy systems
- Rated Working Pressure: 15 bar
- Minimum Bending Radius: 4D (up to 2D without any permanent deformation)
- Electrical Continuity: Discontinuous or as requested
- Leak Detection: In case of failure of the primary carcass, a rod installed in each hose end, that is initially embedded will become visible after the burst of the primary carcass giving confirmation of the failure.