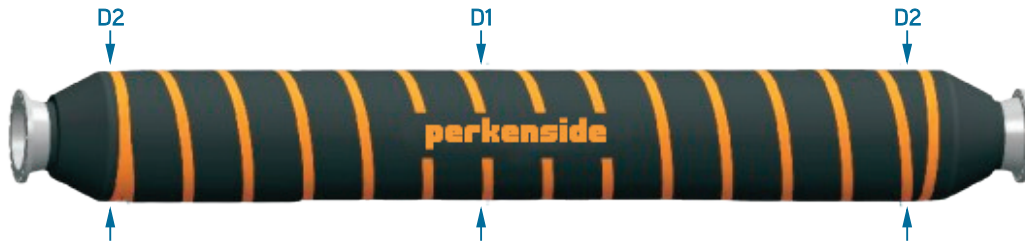


**FLOATING DOUBLE CARCASS 15 bar 7000 Series****Double Leak  
Detection System****Double carcass hose developed and tested for offshore mooring applications****Type 7640F Tail Hose**

| Nominal Bore (mm) | Outside Diameter (mm) |        |   |   | Weight in Air Empty (kg)             |              |              | Minimum Bending Radius (m) |
|-------------------|-----------------------|--------|---|---|--------------------------------------|--------------|--------------|----------------------------|
|                   | D1 Body               | D2 End |   |   | Weight in Air Full of Sea Water (kg) |              |              |                            |
|                   |                       |        |   |   | 9.1m (30ft)                          | 10.7m (35ft) | 12.2m (40ft) |                            |
| 150 (6")          | 410                   | 465    | - | - | 812<br>981                           | 918<br>1117  | 1017<br>1244 | 0.9                        |
| 200 (8")          | 500                   | 560    | - | - | 1110<br>1406                         | 1256<br>1604 | 1394<br>1791 | 1.2                        |
| 250 (10")         | 580                   | 650    | - | - | 1411<br>1865                         | 1596<br>2130 | 1770<br>2378 | 1.5                        |
| 300 (12")         | 650                   | 725    | - | - | 1844<br>2512                         | 2087<br>2872 | 2315<br>3210 | 1.8                        |
| 400 (16")         | 795                   | 820    | - | - | 2454<br>3540                         | 2775<br>4051 | 3075<br>4531 | 2.4                        |
| 500 (20")         | 940                   | 965    | - | - | 3117<br>4840                         | 3536<br>5562 | 3929<br>6239 | 3.0                        |

- Double Carcass Hose **perkenside** SAFE Tail for use to connect the tanker rail hose and the floating string
- This hose has flexibility enough to support seawater conditions during offloading
- Rated Working Pressure: 15 bar
- Minimum Bending Radius: 6D (up to 2D without any permanent deformation)
- Minimum Reserve Buoyancy: 20% or as requested
- Electrical Continuity: Discontinuous or as requested
- Leak Detection: In case of failure of the primary carcass, a double leak detection system (DDEMAS - Double Detection Expansion and Mechanical Anti-Pollution System), confirms the failure of the primary carcass. It's operation combines the natural expansion of the secondary carcass with a change in the hose profile and an increase on its buoyancy, furthermore a rod installed in each hose end that is initially embedded will become visible after the burst of the primary carcass giving additional confirmation of the failure