



## The Cryogenic ISO Tank Network

### RENTAL SERVICES FOR 10 FT CRYOGENIC ISO TANK CONTAINERS

Bofort offers rental services of 10 ft cryogenic ISO tank containers to specialized gas transportation companies, cryogenic gas manufacturers on- and offshore nitrogen service companies, and other end-users.

#### TANK SPECIFICATION: 10 FOOT - 6 BAR

KEY DATA: 10 FOOT, 7.760 LITER, 6 BAR, T75 ISO TANK CONTAINER

The container is designed as a double-walled tank with a multi-layer- insulation under vacuum, integrated in a frame-type structure with ISO-corner castings on 10' x 8' x 8' 6" dimensions. Design and manufacture are in accordance with the IMDG regulations for UN-type T75 "Portable Tanks for Liquefied Gases".



### TECHNICAL SPECIFICATIONS

- **Suitable for:** LIN, LOX, LAR, LNG
- **Nominal water volume:** 7,760 L/ 2,050 USG
- **Maximum Allowable Working Pressure:** 6 bar/ 87psi
  
- **Holding times:** Depending on products loaded. **please contact us for more in depth information.**
  - Note that the figures for holding times are applicable only if the tank container is in optimum technical condition and proper loading conditions and procedures are applied, such as :
    - pre-cooled vessel
    - product temperature close to boiling point
    - optimum loading operation and filling level
- **Tare Weight:** 5,450 kg/ 12,015 lbs
- **Maximum permissible gross mass:** 15,000 kg/ 33,000 lbs
- **Maximum payload:** 9,600 kg/ 21,165 lbs
- **Insulation:** Vacuum with multi-layer insulation
- **Height:** 2.591 mm (8'6")
- **Overall length:** 3.048 mm (10')
- **ISO-corner castings:** 10' x 8' x 8' 6" ISO dimensions
- **Approvals:** USDOT/ADR/RID/IMDG/EN 13530 2002/ASME/MITI/Transport Canada
- **Pump or meter:** Optional

### Materials

- **Inner vessel:** EN 10028-7 1.4311 304LN Stainless steel
- **Outer vessel:** EN 10210 S355 J2H / Supraform TM 380
- **Piping panel:** Stainless steel type ASTM TP 316(L)Pressure build-up vaporiser
  
- **Pressure build-up vaporiser:** Aluminium finned tubes with stainless steel liner.

