



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.

