



The Cryogenic ISO Tank Network

RENTAL SERVICES FOR 20 FT CRYOGENIC ISO TANK CONTAINERS

Bofort offers rental services for 20 ft cryogenic ISO tank containers to specialized gas transportation companies, cryogenic gas manufacturers on- and offshore nitrogen service companies, and other end-users.

20 FOOT - 17 bar/22 bar

Tank technical specifications:

KEY DATA 20 FOOT, 20.000L- 22,000 L, 17-22 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 20' 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".



Product Details

- **Suitable for:** LIN, LOX, LAR, LCO2, LN2O, LNG, Ethane, Ethylene
- **Nominal water volume:** 20,000 L-5,280 USG/ 22.000L-5,800 USG
- **Maximum Allowable Working Pressure:** 17 bar- 250 psi/ 22 bar- 320-psi
- **Holding times:** Are dependent 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:** 8,750 kg
- **Maximum permissible gross mass:** 36,000 kg
- **Maximum payload:** 26,750 kg
- **Insulation:** Vacuum with multi-layer insulation
- **Height:** 2.591 mm (8'6")
- **Overall length:** 6.058 mm (20')
- **ISO-corner castings:** 20' 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:** SA240 Stainless steel 304L
- **Outer vessel:** SA516 GR 70 steel
- **Piping panel:** Stainless steel type ASTM TP 316(L)Pressure build-up vaporiser
- **Pressure build-up vaporiser:** Aluminium finned tubes with stainless steel liner.

