

40ft ISO tank containers for rental and lease



ISO TANK SPECIFICATIONS: 40 ft – 10 bar

Key data: 40 ft – 45,500 L – 47,000 L – 10 bar, T75 ISO tank container

The 40 ft ISO container is designed as a double-wall containment tank with multi-layer insulation under vacuum. It is integrated within a frame-type structure with ISO-corner castings on 40' x 8' x 8' 6" dimensions.

Our 40 ft ISO containers are designed and manufactured in accordance with the RID/ADR IMDG regulations for UN-type T75 "Portable Tanks for Liquefied Gases" and ASME Code Section VIII Div. 1.

Tech Specs

Suitable for: liquid nitrogen (LIN), liquid natural gas (LNG), ethane, ethylene

Nominal water volume: 45500 L / 12020 USG or 47000 L / 12400 USG

Maximum Allowable Working Pressure: 10 bar / 145 psi

Holding times: Dependent on products loaded into our cryogenic containers. 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: 12,500 kg / 27,550 lbs

Maximum permissible gross mass: 36,000 kg- 79,365 lbs

Maximum payload: 23,500 kg / 51,800lbs

Insulation: Double shell tank with multi-layer insulation under vacuum

40 ft iso container dimensions

Height: 2.591 mm (8' 6")

Overall length: 12.192 mm (40")

ISO-corner castings: 40' 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: Aluminium finned tubes with stainless steel liner.

We're on hand to discuss your requirements

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