

TANK CONTAINERS

20, 30 and 40-ft tank containers for transporting LPG overland (road or rail) and by sea.

High-strength steel cylindrical container with breakwater plates inside and korbogen type dished ends, built in reinforced steel ISO-container structure.

(The characteristics of the tank containers described below are for Lapesa type models. Any adaptation of a design to a customer's specific requirements shall involve a new project and the corresponding type-approval).

General/standard characteristics

- Tank-container for the transport of ADR class 2 liquefied gas under pressure, Type 1AA container according to ISO 668.
- Built according to ADR, ISO, CSC, IMDG code
- Product to be contained: LPG (UN 1965), commercial propane and butane.
- ADR design pressure: 27 bar.
- Maximum working pressure: 20.77 bar.
- Test pressure: 27 bar.
- Design temperature: -20 +50°C.

Controls and tests

- Inspections as per design code.
- 100% weld x-raying.
- Hydraulic test at 27 bar.
- Valve tightness test.
- ISO load tests on prototype container.
- ISO, CSC tests.

Equipment

- Background internal valves with flow limiter and opening via automatic return lever, for connections to liquid phase and gas phase, with "fire-safe" type ball valve, sealable with blind cap.
- Valve with pressure gauge and high point indicator.
- Rotating level.
- Background drain valve.
- Internal overpressure safety valve.
- DN500 manhole located on rear head.
- Side metal cabinet for valves.

External finish

- Shot-blasting of unit SA 2 1/2.
- Anti-corrosion protection of surface with coat of polyamide epoxy (60 microns).
- Top coat of white polyurethane (60 microns).

Model CONTAINER-TANK		LTC52-GLP	LTC38-GLP	LTC25-GLP
Container-tank size	'	40'	30'	20'
Nominal volume	m ³	52,0	38,3	24,5
Total length	mm	12.192	9.125	6.058
Total width	mm	2.438	2.438	2.438
Total height	mm	2.591	2.591	2.591
Tank Diameter	mm	2.400	2.400	2.400
Inner breakwaters	nº	3	2	2
Empty weight	mt	10,15	8,05	6,1
Load LPG	mt	21,85	16,1	10,3

