

# ATMOSPHERIC TANKS

## DOUBLE WALL STEEL-POLYETHYLENE tanks for buried installation



### LFP\*\*\* Models

#### Interior tank in steel and exterior tank in Polyethylene (tank with spill containment included)

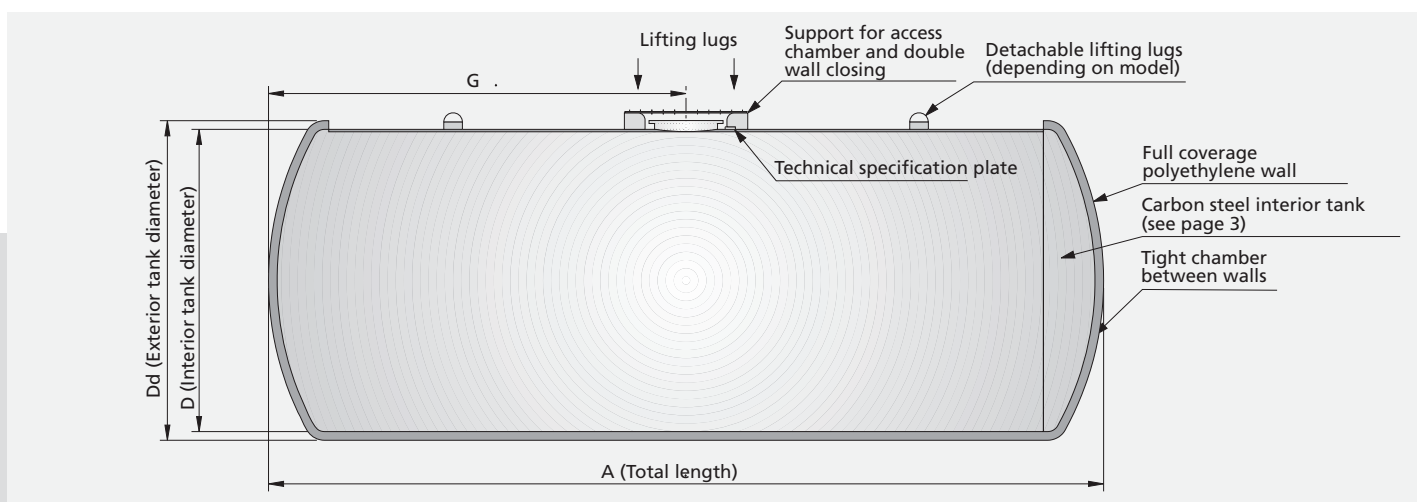
- Exterior tank built with polyethylene (PE) sheet. Interior tank in steel, according to page 3.
- Dimensions and features according to UNE 62350-3 Standard.
- Zinc-plated steel bolts and screws at inspection mouths and at the pit access chamber support.
- Tank is coated with PE sheets.
- Between both walls there is a tight chamber that allows the detection of leaks (see detection devices).
- No civil works required for leak-proof containment. The double wall acts as a containment means.

#### Steel interior tank:

- Tank built in EN 10025 standard steel (carbon steel or stainless steel to order) with high mechanical and deformation strength that enables it to absorb impacts, vibrations (transit of vehicles, etc.) or moderate earth movements. Adequate resistance to modern additives (alcohols, etc.)

#### Polyethylene (PE) jacket:

- The polyethylene material of the exterior tank:
  - acts as a safety containment means.
  - is a barrier to corrosion of any origin due to its high chemical stability.
  - completely covers the interior tank (except for the access area) thus preventing corrosion of the steel.
  - is resistant to liquid fuel spillages, to soils, water and many acids and bases.
  - is a dielectric material.
  - is a semi-rigid material allowing deformation without fracturing.
  - is resistant to impacts and vibrations (road traffic)
  - is made from laminated sheets and thus, is totally free of inner pores which may be present in other processes.



### Characteristics Table

Rated capacity (litres)	Model Ref.	Approximate empty weight (Kg)	D	Dimensions (mm.)			Thickness (mm.)			
				A	G	Jacket Collar	Jacket End	Inner tank Collar	Inner tank End	
15000	LFP 15	1900	2500	3520	1760	3	6	6	6	
20000	LFP 20	2350	2500	4620	2310	3	6	6	6	
25000	LFP 25	2750	2500	5600	2630	3	6	6	6	
30000	LFP 30	3150	2500	6600	3310	3	6	6	6	
40000	LFP 40	3950	2500	8590	4290	3	6	6	6	
50000	LFP 50	4900	2500	10760	5390	3	6	6	6	
60000	LFP 60	5800	2500	12740	5610	3	6	6	6	

**Standard cover:** see Single Wall tanks, page 3

**Access chamber support:** square 1000x1000 (890x890 clearance). For the installation of a prefabricated access chamber: see page 9

**Other options:** see page 3

#### Leak detection:

- Standard supply: as shown in diagram, for vacuum detection of leaks
  - Vacuum carried out at factory.
  - Accessories fitted (compound gauge and shutoff cock)

#### -Optional supplies:

- Vacuum, pressure or liquid leak detection equipment. (See page 10)

#### Transport:

To protect the coating of the tanks support wedges are used to prevent rubbing on ground and the trucks do not have high sides..

