

T50: GAS TANK CONTAINERS 24,600 LITRE (22 BAR AND 27.5 BAR), 24,300 LITRE (34.4 BAR)

Designed for the Intermodal carriage of liquefied gases



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seaco

an **HNA** company

GENERAL SPECIFICATIONS*

CAPACITY			
	22.0 Bar with 24,600 Litre / 6,499 U.S Gallon		
	27.5 Bar with 24,600 Litre / 6,499 U.S Gallon		
	34.4 Bar with 24,300 Litre / 6,419 U.S Gallon		
Frame Dimension	Length	20 feet (6,058 mm)	
	Width	8 ft (2,438 mm)	
	Height	8 ft, 6 ins (2,591 mm)	
WEIGHT			
	Maximum Gross	Tare	Payload
22.0 Bar	36,000 kg (79,366 lbs)	7,100 kg (15,653 lbs)	28,900 kg (63,713 lbs)
27.5 Bar	36,000 kg (79,366 lbs)	7,650 kg (16,865 lbs)	28,350 kg (62,501 lbs)
34.4 Bar	36,000 kg (79,366 lbs)	8,800kg (19,400 lbs)	27,200 kg (59,966 lbs)
Working Pressure	22.0 bar/319 psi	27.5 bar/399 psi	34.4 bar/499 psi
Test Pressure	29.9 bar/433 psi	35.75 bar/ 518 psi	44.72 bar/ 648 psi
Design Temperature	55 C / 131 F	55 C / 131 F	50 C / 122 F
Shell Material	Carbon steel (P460NL) with zinc coating		
Barrel Thickness	13.4mm		
Design Code	ASME VIII Division 2 - Stamp U2, with dual pressure calculation		
Earth Connection/ Grounding	One stainless steel lug on rear of tank frame		
FITTINGS			
Manlid	Tongue and groove type. 500 mm / 20 inch diameter, bolted closures (20)		
Liquid Phase Valve	Stainless steel, 50 mm/ 2 inch diameter, ball valve with ACME coupling 3¼ inch and cap closure.		
Gas Phase Valve	Stainless steel, 50mm / 2 inch diameter, ball valve with ACME coupling 1¾ inch and cap closure.		
Sunshine	Aluminium construction, fastened with strips		
Valve Cabinet	Stainless steel bottom cabinet with aluminium door		
Baffles	Optional		
Safety Relief Valve	80 mm/ 3 inch diameter device set at working pressure. Rupture disc & pressure gauge fitted.		
Thermometer	Fitted with NPT thread. Reading -60° C to 100° C		
Gasket	PTFE		

REGULATORY APPROVALS:

Seaco tank containers meet global regulatory approvals for international transport.

SPECIFICATION OPTIONS:

A full range of optional features are available and can be tailored to meet customer requirements. E.g. baffle, lining, alternate valve configuration, etc.

* ALL SPECIFICATION DETAILS ARE BASED ON THE AVERAGE T50 TANK IN THE SEACO FLEET. SPECIFICATIONS MAY VARY SUBJECT TO TANK TYPE SELECTED.

FOR FURTHER TECHNICAL ENQUIRIES, PLEASE CONTACT YOUR LOCAL SEACO TANK SPECIALIST.
VISIT: [SEACOGLOBAL.COM/CONTACT US/TANK ENQUIRIES.](https://seacoglobal.com/contact-us/tank-enquiries)