

T11 SWAP TANK CONTAINERS

DESIGNED FOR HAZARDOUS, NON-HAZARDOUS AND FOOD GRADE CARGOES



TECHNICAL SPECIFICATIONS*

CAPACITY	35,000 litre / 9245 U.S. gal		
FRAME TYPE	Beam frame		
FRAME DIMENSIONS	LENGTH: 25 ft 8 ins (7,820 mm)		
	WIDTH: 8 ft 4 ins (2,550 mm)		
	HEIGHT: 8 ft 9 ins (2,670 mm)		
WEIGHT	MAXIMUM GROSS	TARE	PAYLOAD
	39,000 kg (85,980 lbs)	4,530 kg (9,987 lbs)	34,470 kg (75,993 lbs)
Working Pressure	4 bar / 58 psi		
Test Pressure	6 bar / 87 psi		
Design Temperature	130° C / 266° F		

GENERAL SPECIFICATIONS

SHELL MATERIAL	316L stainless steel construction - DIN 1.4404
BARREL THICKNESS	4.4 / 4.6mm stainless steel
DESIGN CODE	ASME VIII Division 1 T11 IMDG / RID / ADR-L4BN
EARTH CONNECTION / GROUNDING	One stainless steel lug on rear of tank frame
INSULATION & CLADDING	50mm thick, 40kg/m ³ in density rock wool with GRP cladding
HEATING / COOLING	12 runs providing 15 M ² effective heating surface (7.1 M ² actual surface)
MANLID	500mm / 20 inch diameter, swing bolt closures (8) with wing nuts
CLEANING POINTS	3 cleaning points, 300mm I/D with 4 point Pendle lids
AIR LINE	1 ½ inch dual connection stainless steel ball valve, with 1 ½ inch BSP connections. DN40 remote airline fitted terminating in 3/8" ball valve
TOP DISCHARGE	3 inch weld-in pad drilled with 6 x M12 fitted with bolted blank flange
BOTTOM DISCHARGE	45° 3 inch high lift foot valve and 3 inch clamped butterfly valve terminating with 3" BSP spigot and blank cap
SPARE CONNECTION	3 inch weld-in pad drilled with 6 x M12 fitted with bolted blank flange
SAFETY RELIEF VALVE	3 inch flanged pressure relief valve, set at 4.4 bar / 64 psi pressure. Vacuum relief and flame gauze optional. Provision for secondary relief device
BAFFLE	4 sets stainless steel 70% fully welded vertical V-shaped corrugated baffles fitted
THERMOMETER	Surface sensor gauge fitted, reading -40° C to 160° C
GASKET	PTFE / CNAF
SPILL BOX LIDS	4 fitted and lockable
LADDER	Stainless steel 304 ladder with anti-slip rings welded to the right rear end of the tank
HANDRAIL	Collapsible handrail fitted to right hand side
WALKWAY	'B' Type, marine grade aluminium

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 T11 Swap Tank in the Seaco fleet. Specifications may vary subject to Tank type selected.

For further technical enquiries, please contact your local Seaco tank specialist.

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