

31,000 Liter - UN Portable T4-T14 - Tank container



Type	UN Portable for the transport of liquid products Classes 3 to 9
Approvals, certification and registration	IMDG/ADR-RID/CFR/UIC/TIR/CSC/ISO

General specifications

Nominal Capacity (Tolerance +/- 0.75%)	31000	Liter	8190	Gallons
Tare Mass	4000	Kg (+/-3%)	8818	Lbs
Maximum Gross Mass	39000	Kg	85980	Lbs
Dimensions to ISO	L 7150	W 2438	H 2670	mm
	L 23'5"	W 8'0"	H 8'9"	
MAWP	1 - 6,67	bar		
Test Pressure	1,5 - 10	bar		
External Pressure	0.41	bar		
Tank Design Temperature	-40°C + 130°C		(-40°F - 266°F)	
Tank Design Code	ASME VIII DIV:1			



Top specifications

Manlid	500 mm Stainless steel
Cleaning port	300 mm Stainless steel
Safety Relief Valve	1 pcs 3" set-pressure (4.4 bar) relief valve
Air Inlet	1 ½" Ball valve with 1 ½ " BSP connection
Top Discharge	3" Provision only
Spare Connection	2" Blind off connection
Spill boxes	4 Stainless steel boxes, with lockable spill box covers
Walkways	2 Longitudinal, 5 transverse or full, 475 mm wide, marine grade aluminium

Tank vessel and frame specifications

Tank vessel

Tank Barrel Material	316L Stainless Steel - 4 baffles fitted
Internal conditions	Pickled/passivated, Lined
Steam Heating	8 Longitudinal stainless steel elements. Effective area 9,6m2. MAWP = 4 bar, test 6 bar
Insulation	Rockwool Nominal thickness 50mm
Cladding	Glass Reinforced Plastic (GRP)
Calibration	Calibration chart fitted in spill box

Frame

Frame Type	Swap Body
Handrail Provision	Collapsible handrail is fitted

Rear specifications

Bottom Discharge	3"-45° footvalve following by a butterfly valve. Terminating into a 3" BSP outlet with SS cap.
Manometer	Optional
Thermometer	Contact type analog from -20°C to 160°C
Heating connections	1" BSP with caps. Condensate drain fitted at lowest point
Fitting Gas Line	N/A
Fitting Liquid Line	N/A

