

## 17.500 ltr - IMDG-IMO 1 - FRAME TANK CONTAINER

Type: : IMDG-IMO Type 1 for transport of PRODUCT CLASSES 3, 6.1, 8 and 9

Approvals, certification and registration : ISO 1496/3, US DOT-IM101, TIR Customs, RID/ADR, AR600, IMDG-IMO Type 1, CSC, TC, UIC

### General specifications:

Nominal Capacity (Tolerance +/- 0.75%)	: 17500Liters	4623Gallons	MAWP	: 4 bar	
Tare Mass (Tolerance +/- 3%)	: 3380Kg	7452Lbs	Test pressure	: 6 bar	
Maximum Gross Mass:	: 36000Kg	79366Lbs	External Pressure	: 0.41 bar	
Dimensions to ISO	: Length: 6058 mm	Width: 2438 mm	Height: 2438 mm	Tank Design Temperature	: 120°C (248°F)
	Length: 20' 0"	Width: 8' 0"	Height: 8' 0"	Tank Design Code	: ASME VIII DIV.1

### Top specifications:

Manlid	: 500mm Stainless steel	Spare connection	: 2" Blind off connection
Safety Relief Valve	: 1 pcs 2½" pressure (4.4 bar) relief valve	Spill boxes	: 2 Stainless steel boxes, with lockable spillbox covers
Air Inlet	: 1½" Ball valve with 1½" BSP connection,	Walkways	: 1 Longitudinal, 3 transverse, 475mm wide, Marine grade aluminium
Top discharge	: 3" Provision only		

### Tank vessel and frame specifications:

**Tank vessel:**

Tank Barrel Material : 316L Stainless steel

Steam Heating : 8 Longitudinal stainless steel elements  
Effective area 8m², WP = 4 bar tested to 10 bar

Insulation : Nominal thickness 45mm  
Tanklite / compressed mineral wool on barrel

Cladding : Natural finish marine grade aluminium

Calibration : Calibration chart fitted in spillbox

**Frame:**

Frame type : Frame

Handrail Provision : Provision made for the fitment of collapsible handrails.

### Rear specifications:

Bottom Discharge : 3" 30° Perolo foot and butterfly valve  
Terminating into a 3" BSP outlet with cap.  
Weld-in flange to be steam heated

Thermometer : Contact type analog from -20°C to 200°C

Heating connections : 3/4" BSP with caps  
Condensate drain fitted at lowest point