

# TANK TYPE: FULL FRAME T11 UN PORTABLE TANK



## 1. GENERAL PARAMETERS

1.1	Design Code	(In accordance with) ASME VIII DIV. 1
1.2	Maximum Gross Mass	36000 kg
1.3	Nominal Capacity	25000 liters (± 1.0%)
1.4	Vessel Design Temperature	-40 to +130 °C
1.5	Maximum Product Loading Temperature	130 °C
1.6	Maximum Allowable Working Pressure	4.00 bar
1.7	Hydrostatic Test Pressure	6.00 bar
1.8	Maximum External Pressure	0.41 bar
1.9	Tare Mass	3600 kg (± 3%)
1.10	Frame (length / width / height)	6058 / 2438 / 2591mm
1.11	Stacking	Each container is approved for 9 high stacking as per ISO 1496-3
1.12	Type Approvals	Each container will be inspected and certified by the independent Inspection Authority - Lloyd's Register in accordance with the code requirements

## 2. FRAME DETAILS

2.1	Type	Full frame beam design (ISO 1496/3 Type 1CC)
2.2	Corner castings	ISO 1161 8-off in to XXX
2.3	Top rails	Integral in frame design aluminum type (E-style). Walkway supported off spillboxes and end frames using stainless steel fastenings with nylock nuts.
2.4	Painting	Carbon steel shotblasted to Sa 2½ profile
	First layer	Hempadur Zinc (15360) 40 microns min DFT
	Second layer	Hempadur Primer (15300)YELLOW 40 microns min DFT
	Final layer	Hempatex (56430) 40 microns min DFT, 120 microns min DFT Color – Blue RAL5002 Stream in/out let pipe sweep blasted to provide adhesion. Hempadur (56910) 50 microns min DFT

## 3. TANK FITTINGS

3.1	Manhole	Perolo 500mm low profile, 8 point fixing with Super Tanktyt PTFE gasket.
3.2	Safety Relief Assembly	1-off + provision for second Perolo 2½" BSP Supermaxi Highflow, part No G10/16300
3.3	Vapor Return Prov.	A DN80 stainless steel 316 tank pad with blind flange. Dual drilled: 4xM16 PCD152.4 (ANSI) and 8xM16 PCD160 (DIN).
3.4	Top Discharge Prov.	A DN80 stainless steel 316 tank pad with blind flange. Dual drilled: 4xM16 PCD152.4 (ANSI) and 8xM16 PCD160 (DIN).
3.5	Bottom Discharge	DN80 Perolo 45° Footvalve fitted with a clamped butterfly valve terminating with a 3" BSP spigot with cap and chain.
3.6	Remote Control	A 4mm plastic coated stainless steel cable is fitted to the entire length of the right hand side of the tank.
3.7	Thermometer	A surface mounted analogue type is fitted to the rear end dished end of the tank. Dual scale -40°C to +200°C / -40°F to +392°F.
3.8	Document holder	A clear plastic document holder ø 110mm is fitted to the rear right hand side beam.
3.9	Decals	One set of mandatory decals is fitted. Customer logo by client and applied by manufacturer. Decal lay-out as per client latest version.
3.10	Data Plates	One set of stainless steel 316 data plates are provided stating the requirements as per the code.
3.11	Calibration	St/St 304 Calibration plates marked in cm/liters and inches/US Gallons are mounted adjacent to the manhole neckring. NO bracket for dip-stick.

## 4. DOCUMENTATION

	On completion of the tank:
	<ol style="list-style-type: none"> <li>1. Initial Inspection Certificate</li> <li>2. Calibration Chart</li> <li>3. Cleanliness Certificate</li> <li>4. As Built Drawings</li> </ol>



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