



Technical Specification for Steel Tank Container

Tank Type:	20' ISO full frame collar tank, Type UN Portable Tank T11, insulated, steam heated, top side rails fitted. With H200 x 100 x 8 x 5.5 lower side longitudinal beams (above corner castings), free miss-stacking structures adjacent to four bottom corner castings on rear/front frame..
Frame Dimensions:	20' x 8' x 8'6"
Capacity:	26,000 Litres (+0 /- 1%)
M.G.W.:	36,000 kg
Tare (est.):	3,650 kg +/- 3%
Max Payload:	32,350 kg
Design Pressure:	4 Bar
Test Pressure:	6 Bar
Max. Allowable Vacuum:	0.41 Bar
Design Temp:	-.40°C to +130°C SANS 50028-7 WNr 1.4402/1.4404 (C<0.03%), equivalent to 316L
Vessel Material:	Shell: Cold Rolled 2B finish Ends: Hot rolled or Cold Rolled, polished internally to 1.2 Micron CLA
Shell Thickness:	4.4 mm nominal
Ends Thickness:	4.5 mm nominal after forming
Corrosion allowance:	0.2 mm
Frame Material:	GB/T 1591-Q355D or SPA-H (or equivalent)
Frame to Shell:	304 stainless steel
Corner castings:	ISO 1161 - 8 off
Vessel Design Code:	ASME VIII Div.1 where applicable.
Radiography:	Shell: ASME Spot Ends: ASME Full Inspection Agency: LR Cargo carried: See dangerous cargo lists for UN Portable T11 tank
Stacking:	Each container approved for 10 high stacking IMDG T11, CFR 49, ADR/RID, CSC, TC, TIR, ISO,
Design Approvals:	UIC, US DOT

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NOTE:

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