



ChlorTainer's Double Ton is a high-pressure containment vessel built to accommodate two standard 1-ton cylinders that are inserted end-to-end inside the vessel. If either of the cylinders should leak, all chemicals are contained within the vessel and processed at a normal rate, so no hazardous waste is generated. Scrubber systems, fans, pumps, tanks, and mechanical systems are not required. ChlorTainer addresses RMP considerations, enhances site security, and provides fail-safe protection for plant operators.

All vessels come with a 2-bolt chain drive door for ease of operation, a scale system, and an electric loader for effortless loading and unloading of chemical cylinders. We offer three Double-Ton vessel configurations to best handle your facility's needs:

- Double Ton vessel uses one cylinder for process and one for storage
- Twin Double Ton processes both 1-Ton cylinders simultaneously
- Dual Double Ton processes from only one cylinder at a time and is designed for automatic switchover capabilities

**The Safest, Most Reliable Technology for Processing
and Preventing a Chemical Release**

ChlorTainer can be utilized for processing a variety of hazardous chemicals such as chlorine gas, sulfur dioxide, and anhydrous ammonia. All of our vessels are built to ASME code and can easily withstand the maximum pressure produced by a failed cylinder.

For optimal safety and security at water treatment plants and industrial facilities, ChlorTainer provides the best solution to store and process hazardous chemicals. With ChlorTainer, there is no need to build a room or enclose operators in a confined space. The vessels can be installed indoors, or outdoors with just overhead protection to provide shelter from direct sunlight and rain.

ChlorTainer provides dependable operation with minimal annual maintenance and is designed to have a life expectancy of no less than 100 years. All ChlorTainer vessels are entirely manufactured in the USA and built with US steel.

Design Pressure	250 psig @ 300° F
Minimum Design Metal Temperature	-20° F @ 250 psig
Corrosion Allowance	1/16 inch
Radiograph Inspection	ASME Section V ASME Section VIII
Hydro Test	375 psig per UG-99
Interior Paint	2.5-3.0 Mils DFT Inorganic Zinc
Exterior Paint	4-6 Mils DFT Epoxy 2 Mils DFT Polyurethane
Welding	ASME Code Section IX
Vessel Weight	5,000 pounds
Materials Used	Carbon Steel Vessel, Monel 400 Bosses
NOTE: Material used may vary when designed for other toxic gases	



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