

Chemlogix Iso-Tank Specifications

Type

IMO-1, IM-101 tank container
DOT 407-412 hazardous material tank

Sizes

5,300, 6,300 and 6,600 U.S. gallons
20,000, 24,000 and 25,000 liters

Tare Weights

Up to 7,400 lbs
3,000 to 3,350 kg

Construction

316 stainless steel barrel

Thickness

Barrel @ 4.5MM, tank heads @ 5.5MM

Heating

Steam coils, exterior at 125 psi
Steam coils, exterior at 8.6 bar

Insulation

Urethane foam, 2 inches
Rock wool, 2 inches
Urethane foam, 5 cm
Rock wool, 5 cm

Maximum Loading Temperature

240°F-300°F
115°C-150°C

Working Pressures

3 bar-43.5 psi
4 bar-58 psi

Safety Valve Settings

3.75 bar-53.75 psi
4.4 bar-63.8 psi

Other

External thermometer with external readout.
Calibration chart in U.S. gallons and liters.
Bottom outlet equipped with 3-inch male KamLoc
Tanks meet DOT, FRA, AAR and CTS specifications, and are registered with the FRA for hazardous materials.
Placard holders on all four sides of the tank.

Dimensions

Without chassis: 20' (L) x 8'6" (H) x 8' (W)
With chassis: 44'2" (L) x 12' (H) x 8'2 1/2" (W)
Without chassis: 6.1m (L) x 26 m (H) x 2.4 m (W)
With chassis: 13.5 m (L) x 37 m (H) x 2.5 m (W)