



UNDERGROUND STORAGE TANKS  
DOUBLE-WALLED  
STEEL TANKS

When you need a tank that's  
built tough like a tank, call  
in the heavyweights.

Built to last: double-walled steel for twice the peace of mind. Forgeweld Double-walled steel underground storage tanks (USTs) use secondary containment technology to banish any concerns over environmental contamination caused by leakage.

forgeweld

LEADERS IN STEEL TANK MANUFACTURE, SINCE 1963.





The tanks consist of a steel primary tank enclosed within a steel secondary tank. A 25-mm interstice is formed between the inner and outer tank. After tank installation, the interstice is filled with a mixture of water and glycol. Any loss of liquid level or pressure activates an alarm. The glycol mixture also provides insulation and temperature control.

A 2,5 mm composite (Fibreglass-reinforced Polyester Resin or FRP) or 0,8 mm polyurethane coating can be applied to the outer steel wall to provide corrosion protection.

#### Convenient access and fuel dispatch

Fitted with a 745 mm underground manhole. Optional forecourt manhole. Manholes incorporate fittings and unions for filler, dip and breather, and suction (pump) apertures. 25 mm Sockets for monitoring the interstice topside at each end. Dished or flanged ends. Lifting lugs.

#### Tough enough to take on the world

The 6 mm carbon steel plate is South African made, complying with Grade 335JR. Both the inner and outer tanks are submerged arc welded for rugged strength.

As well as being certified by the United States UL 58 standard, our quality control measures are certified by independent auditors. Forgeweld's Double-walled storage tank carries a warranty against defective materials and workmanship for a period of 24 months from the date of installation.

Standard sizes are shown below. Tanks can be produced to order, but we recommend 40 m<sup>2</sup> as the maximum size due to mass considerations involved in transporting double-wall steel USTs; they are heavier than a Permatank® Jacketed or Composite UST of the same size.

#### Tank dimensions and capacity

VOLUME m <sup>3</sup>	IN. DIAMETER mm	OUT. DIAMETER mm	OVERALL LENGTH mm	SHELL THICKNESS mm	CALC. CAPACITY litres	APPROX. WEIGHT kg
4,5	1 810	1 817	2 050	6	4 515	2 090
9	1 810	1 817	3 650	6	9 024	3 054
14	1 810	1 817	5 350	6	13 876	4 017
23	2 318	2 330	5 350	6	22 442	5 027
30	2 318	2 330	6 100	6	29 515	6 265

For more details or to order, please contact your nearest Forgeweld office.

**LEADERS IN STEEL TANK MANUFACTURE, SINCE 1963. FORGEWELD'S MISSION IS TO BE A LEADER IN FUEL STORAGE SYSTEMS BY PROVIDING ENVIRONMENTALLY FRIENDLY, INNOVATIVE, COST-EFFECTIVE, INTERNATIONALLY ACCREDITED PRODUCTS AND SERVICES.**

Gauteng offices: PO Box 472, Hammanskraal 0400 • 101 3rd Street, Babalegi 0407, Gauteng, South Africa • Tel: +27 (0)12 719 9052 • E-mail: info@ forgeweld.com • Website: www.forgeweld.com  
 KZN offices: PO Box 271, Mandini 4490 • 13 Blue Street, Isithebe 4491, KwaZulu-Natal, South Africa • Tel: +27 (0)32 459 2382 • E-mail: info@ forgeweld.com • Website: www.forgeweld.com