

AN INTRODUCTION TO HDPE TANK MANUFACTURING

10-200m³



✓ LIGHTER

✓ GREENER

✓ BETTER VALUE

INFRAPIPE.CO.NZ

INFRAPIPE™

INFRAPIPE™ MANUFACTURES
HIGH-QUALITY PRODUCTS THAT
ARE BUILT TO LAST WITH A LONG
ASSET LIFE.



ISO TYPE 5
AS/NZS 5065:2005
AMI:74961



ISO TYPE 5
AS/NZS 4130:2018
AMI:74999

COMMERCIAL TANKS

RETENTION / DETENTION STORMWATER, WASTEWATER

Offering the best in water storage, INFRATANK™ offer **exceptional design with the best in manufacturing** from our experienced fabrication team using 100% virgin polyethylene material.

INFRATANK™ are manufactured from INFRAPIPE™ New Zealand's, latest pipe manufacturing machine from Europe to provide a **solid, strong and reliable tank** body providing the very best in structural integrity.

INFRATANK™ solutions are **customised to meet the requirements of specific projects** and our design engineer can assist optimising the design to meet any customer specifications, requirements and location for all applications.



VOLUME TABLE

Length	4	6	12	18	24
Diameter					
1000	3	5	9	14	19
1500	7	11	21	32	42
2000	13	19	38	57	75
2300	17	25	50	75	100
2500	20	29	59	88	118
3200	32	48	96	145	193

Tanks can be joined to create even greater volumes or make the best use of constrained spaces.

Other diameters available: 1100,1200,1350,1600,1800.

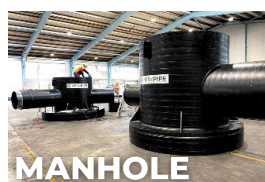


SCAN HERE

**TANK
SPECIFICATION
FORM**

CLICK HERE

**WE
ALSO
MAKE**



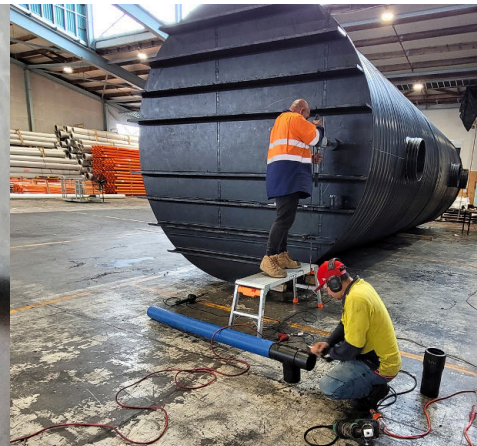
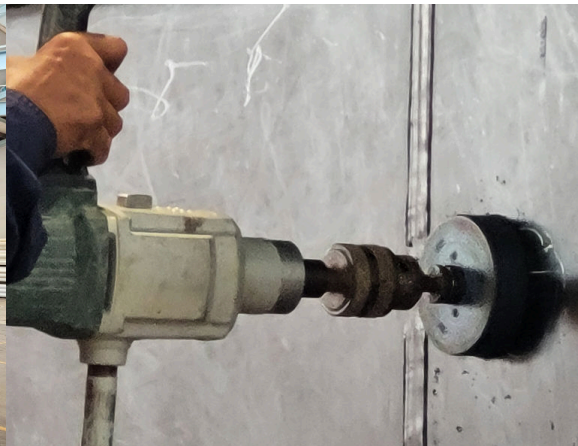
Delivering on quality is what we do!

PRESSURE TEST FOR LEAKS



- Every tank completed by our experienced fabrication team is **air-tested for leaks**.
- The tank has to **hold pressure for 15-20 minutes at 0.5 bar**. Should the pressure gauge show a pressure drop, a soapy solution is sprayed on all welded joints looking for any bubbles foaming on the weld being checked. If this occurs the tank has to be depressurized and the weld is redone.
- The tank is then rechecked under pressure before sign off by the tank fabricator as **leak-free and ready for dispatch to the customer**.

TANK INLET/OUTLETS ADDITIONS



The tank's design can have **multiple fittings** added due to the requirements needed for water entering and leaving the tank.

Optional fittings may include inlets and outlets, providing the connection utilising electric fusion couplers, bends, T-junctions, and puddle flanges with backing rings to have a variety of different valves added.

DELIVERY



INFRATANK™ can be delivered completed in the North Island but delivered South Island depending on size may have to be shipped in sections and welded on site.

See to the left a **2.5m diameter by 19m 86m³ capacity stormwater emergency storage tank, delivered complete to Tamahere Country Club in Hamilton, North Island.**

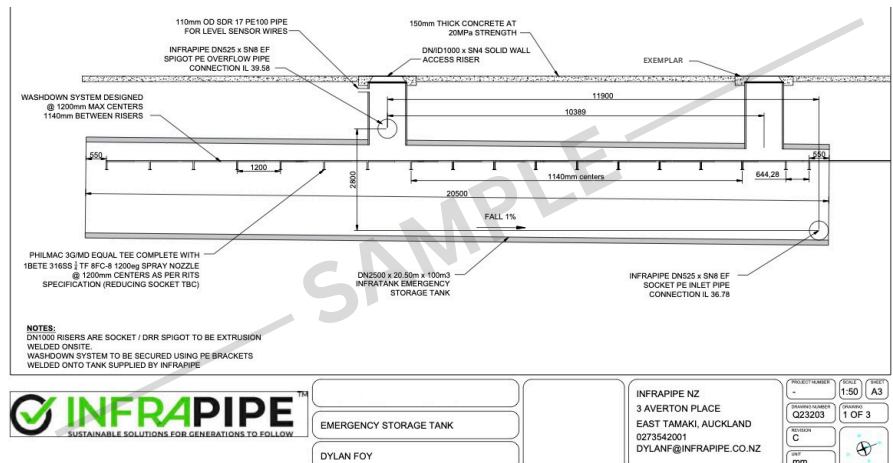
***NOTE Oversized tanks may require the use of a pilot vehicle.*

DESIGN ASSISTANCE

Customized tanks require technical specifications and accurate calculations, for different applications.

CAD drawings can be supplied on request or can be altered if required for redesign due to a change in requirements such as ground water level, load ratings, soil conditions.

Wastewater and stormwater tanks can also be installed with internal spray wash down systems for high- or low-pressure options.



CONTACT OUR TEAM



Website
INFRAPIPE.CO.NZ



Phone
09 869 3030



Email
sales@infrapipe.co.nz



Address
3 Averton Place, East Tamaki, Auckland 2013



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