



www.promaxplastics.co.nz



Promax Industrial Product Catalogue 2021



Welcome

Safe and efficient Industrial Liquid storage New Zealand wide.

For over 20 years, Promax has supplied liquid Storage Tanks for industrial purposes. From stormwater and wastewater, to chemical storage and firefighting tanks, we are New Zealand's liquid storage experts.

The Promax Tank range includes tanks from 200L - 30000L and coupled with engineered drawings & QA processes on every tank, the possibilities are huge!

Industrial Team continue to develop new solutions and further improve its existing range, keeping pace with a dynamic market.

Kind regards

The Promax Team

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Certification and Standards

Here at Promax, quality is everything. Our whole team is focused on producing our innovative products to the highest quality standards in the market.

Not only are our products manufactured to the highest quality on the market, our service is no 1. We know that each project and customer will have varying requirements and delivery on time is important - therefore we are driven to deliver quality products on time and on budget.

Designed to exceed the AS/NZ Tank Standard 4766, Promax utilises the Alkatuff® resin in the manufacture of our tanks. Alkatuff® is the answer to strong and durable resin for use in arguably one of the world's toughest environments. A line by line comparison of Alkatuff® performance against the AS/NZ 477 Tank Standard proves its superior performance across a range of factors including long service life, high resistance to impact and abrasion, high tolerance to environmental stress cracking and long-term resistance to UV degradation.

At every opportunity our Design Engineers and Business Development Team are researching and creating new and improved products that LOOK GOOD and WORK BETTER!

So give us a call and try us out! 0800 77 66 29.



**NZ's largest
range of tanks**



**Fastest delivery
nationwide**



20-Year Warranty



1.1

Promax Industrial Tanks

Heavy duty Promax Industrial Tanks are manufactured with increased wall thickness and strength to meet specific project applications and/or gravity weight requirements. Our engineers will offer modifications that will provide you with solutions and guide you from design to installation.

Features:

- Large capacity range from 450 to 30,000L
- Flood Wash Tanks
- Bulk Fire/Rain Harvest Retention Storage
- Various sized Process Water Collection
- Small to large Process Filtration Systems
- Large volume Wastewater Treatment Processing
- Bio Reactor and Balance Tanks
- Effluent Collecting and Settling Tanks
- Promax Industrial Tanks are available 1.0-2.0SG
- Increased temperature range



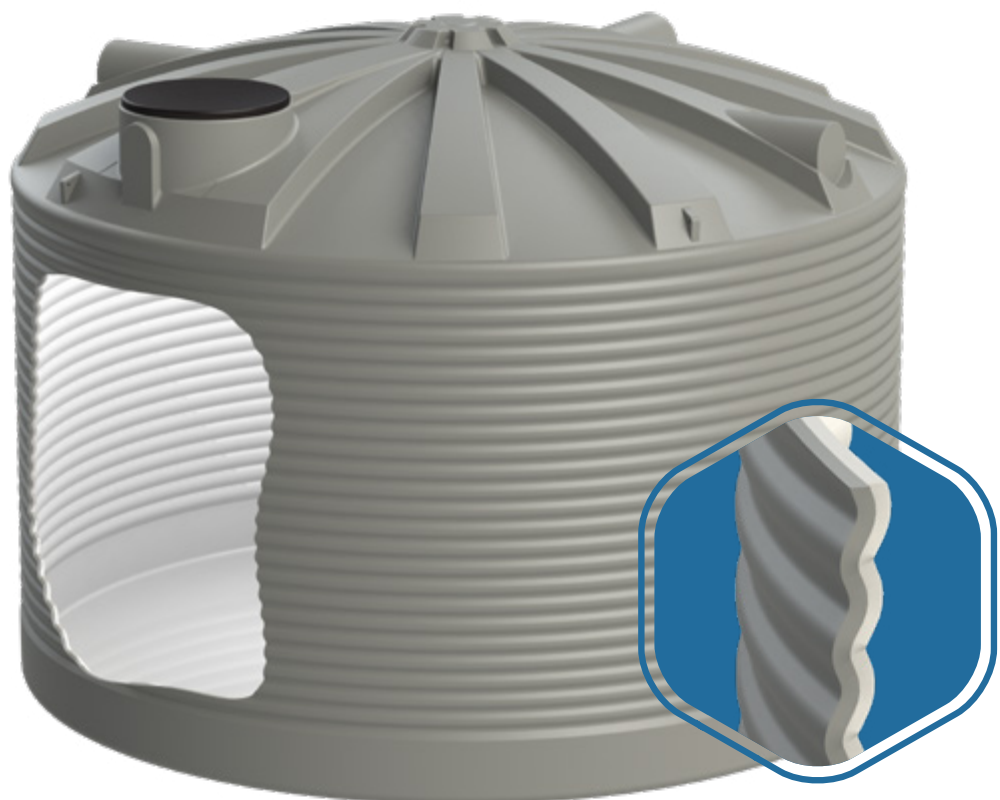
1.2

Promax Insulated Tanks

Promax Plastics manufacture the largest range and sizes of insulated tanks in New Zealand, providing the dairy and food industries with new temperature-controlled liquid storage solutions and energy savings.

Features:

- Large range - 450 to 30000L capacities
- Save money on energy costs
- No maintenance - one-piece foam insulation providing consistent temperature control.
- Strong one-piece Tank construction
- 0.5 R-Value



1.3

Custom Insulated Tanks

Looking for a customised Insulated Storage Tank with very high R-Value?

Promax has developed a specialised range to meet unique requirements.

Features:

- Large range - 500L to 15000L capacities
- 5+ R-Value
- Save big on energy costs
- Large fittings and penetrations available.
- Baffling available.



1.4

Promax Bunded Tanks

Promax can build custom Bunded Tanks to suit your applications.

Features:

- Capacities from 450L up to 25000L
- Liquid weights up to 2.0 SG
- Special Fittings, Inlets & Outlets.
- Removeable roof options.

**Contact Promax
today to discuss your
unique requirements.**



1.5

Promax Oil Tanks

The Promax Bunded Oil Collection Tank offers protection from leakage and overfilling. With a 110% secondary containment, it provides safe and compliant waste oil storage.

Oil collection tanks are ideal for farms, garages, work shops, takeaways, commercial kitchens, restaurants and other areas where waste oil is likely to be collected.

Features:

- Filter Basket – Remove large contaminants.
- UV stabilised LDPE – Tough and durable.
- 450mm Hinged Lid – Easy access
- 110% Bunding – Compliant
- Level Indicator – Fast and visual



1.6

Accessories

Agitators & Mixers

Promax Agitation Tanks can be designed to suit any and every application.

They can be fitted to a range of tanks from bunded tanks to open top tanks.

- Vessels ranging from 450L – 50,000L
- Agitator options from 0.18Kw – 5Kw.
- Custom agitator mechanisms available
- Support stands & overhead frames available
- High Specific Gravity tanks available
- Available with fully compliant personal access platform



Vents

The Promax Pipe Vent is installed on tanks with a high flow of liquids to provide adequate intake of air to replace the liquid.

- 90mm-160mm Diameters
- Many installation positions.
- Insect proof mesh available.
- Typically, this vent is welded into position.



1.6

Accessories

Anti-Vortex Suction Outlets

Commonly used on high flow suction points to stop cavitation, Promax can engineer Anti-Vortex outlets to suit your application.

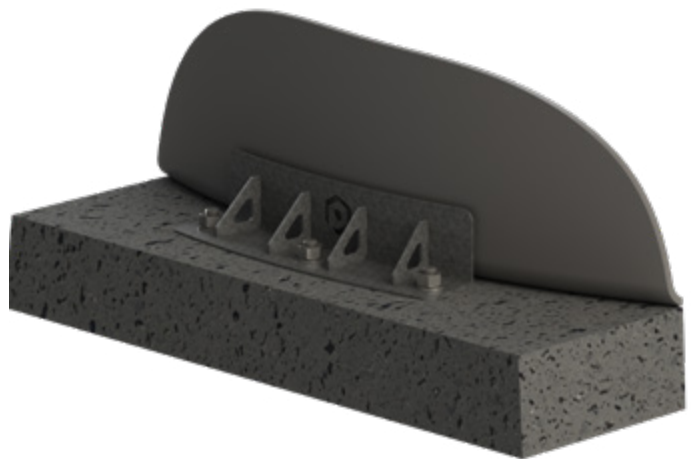
- Compliant to Automatic Fire Sprinkler Systems NZS 4541:2013
- Custom applications available.



Seismic Restraints

The Promax Seismic Restraints have been designed and built to meet virtually all Seismic Loading requirements within NZ.

- Designs available for Tank, Base & Steel Anchorings.
- Importance Levels, 2, 3 & 4.
- 1000L - 30000L Tanks
- PS1 Available
- Customised Solutions available.



1.6

Accessories

Sidewall Manway Access

For use as a low-level entry point or secondary access for a storage tank.

- <630mm Dia
- Can be fitting at any orientation and height as required.
- Custom options available.



Tie Down Systems

Stainless Steel Adjustable Tiedowns for restraint in high wind or industrial applications. (set of four).



1.6 Accessories

Welded Connections

Welded Fittings to suit your connection requirements.

- Flanged Spigots: 20mm-600mm Dia - Table D, E, ANSI
- Male Threaded: 25mm-100mm - BSP
- Female Threaded 25mm-100mm - BSP
- Pipe Stubs: 50-600mm



Female



Male



Piped Stub



Flanged Stub

Flexible Connections

Flexible connections should be used on all fittings into and out of PE Storage tanks. This safeguards against leakage and stress over time.

- Seismic Expansion Joints
- Rubber Bellows
- Painted, Zinc, Galv or Stainless Backing Rings
- Threaded, Table D, E, ANSI.



1.6

Accessories

Internal Baffle Plates

Internal baffle plates are often used in refrigeration plants where hot and cold water needs to be separated within one tank. Internal plates save money and improve efficiency.

- 450L – 30000L
- Can be installed in conjunction with removable tank lids.
- Available on insulated tanks.
- Custom solutions available.



Lockable Tank Lids

Lockable tank lids ensure there is no unauthorised access to the tank contents, particularly when in a public environment.

- Padlockable.
- Stainless Steel
- Hinged for safe & easy access.



1.7 Tank Specifications

Promax Industrial Tanks



Promax XPRESS Industrial Tanks





Promax Underground Tanks

**Save time, money and hassle with
New Zealand's newest, largest and
most popular underground tanks.**

With the ever present demand for water in densely populated areas such as homes, schools, councils and industry, Promax has made the collection of rainwater, stormwater and wastewater an easier task with our extensive range of Underground Tanks. Designed to be out of sight – out of mind, these tanks will provide you the ability to sustainably harvest, collect and reuse.

Distinctive Benefits

- 2,000 litre to 30,000 litre capacities (Other sizes on request)
- Suitable to be installed under driveways, footpaths, car parks, forecourts and much more
- Multiple inlet/outlet plumbing ports
- Optional extras include Welded PE spigots, PVC connectors and BSP Threaded Fittings
- Sizes/capacities to suit customer specific plans or site requirements

Enduro Underground Tank

The Promax Enduro Underground Tank is the first tank in NZ to be certified to the latest standards AS/NZS4766:2020.

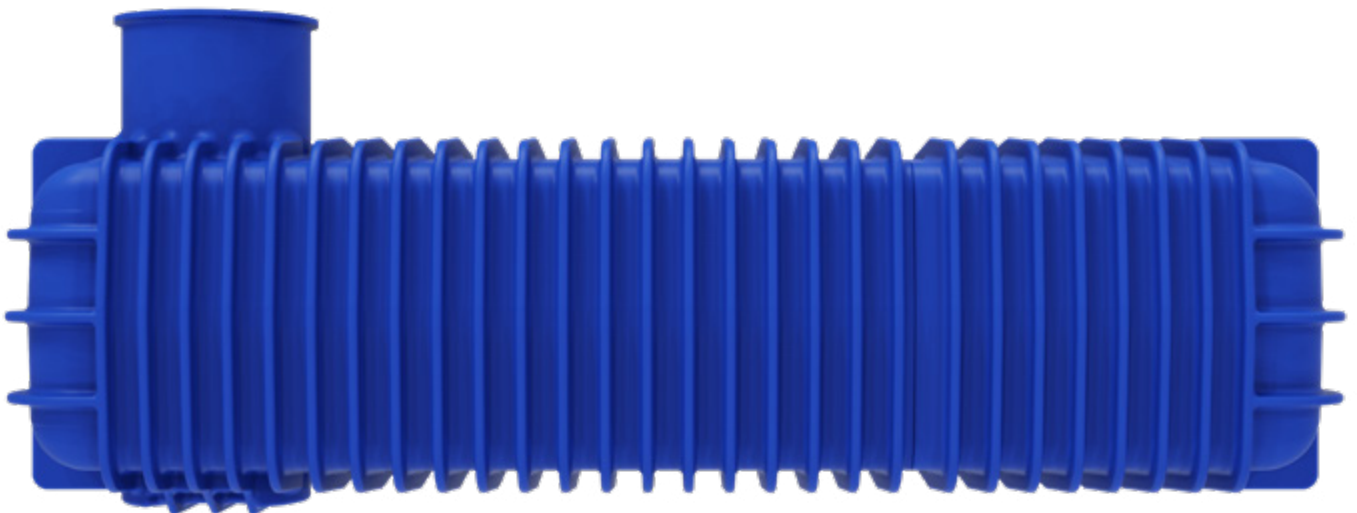
The new, more rectangular shape of the Enduro Underground Tank brings major advantage to the market by reducing excavation and backfill requirements, saving time and money. Engineered by geotechnical experts and Finite Element Analysis tested (FEA), the Promax Enduro Underground Tank is fully tested and designed to withstand ground and water pressure at depth and is suitable for the retention or detention of stormwater or the storage of potable water.



Distinctive Benefits

- First and only tank in NZ to be certified to the latest standards AS/NZS4766:2020
- New more rectangular shape brings major advantage to the market by reducing excavation and backfill requirements
- Available in 2000L - 10000L
- The unique solid filled rib design is superior in both design and strength to withstand the ground pressures that will be applied over the lifetime of the tank.
- Comes with standard lid but garden lid and cast-iron lids are also available for this unit.
- Suitable for stormwater retention, detention, and wastewater storage
- Suitable to be installed under driveways, footpaths, car parks, forecourts and much more.
- Save time and money with multiple inlet/outlets plumbing ports.
- Vehicular Traffic Tested

*Only available in North Island



1.8 Promax Underground Tanks

Wastewater Tanks

Promax underground tanks are suitable for holding wastewater as buffer storage or emergency overflow. Installation on a slight gradient can enable cleaning systems to flush for full decontamination.

- 1000L - 30000L Capacities
- Suitable for installation under high traffic regions
- Custom manway access's available
- Full drawings available on request
- Talk to Promax regarding your specific applications.



Pump Chamber

The Promax Pump Chamber is a quick and easy solution for your specific pumping requirements. The smooth interior with dished floor allows you to pump out the tank's full contents with minimal residue.

Ribbed walls give huge strength and also helping to lock the tank into the ground.

- 1300L Capacity
- Suitable for installation under high traffic regions
- Steel or Plastic lids available
- Hydraulic uplift anchoring drawings available on request.



1.8 Promax Underground Tanks

Stormwater Tanks

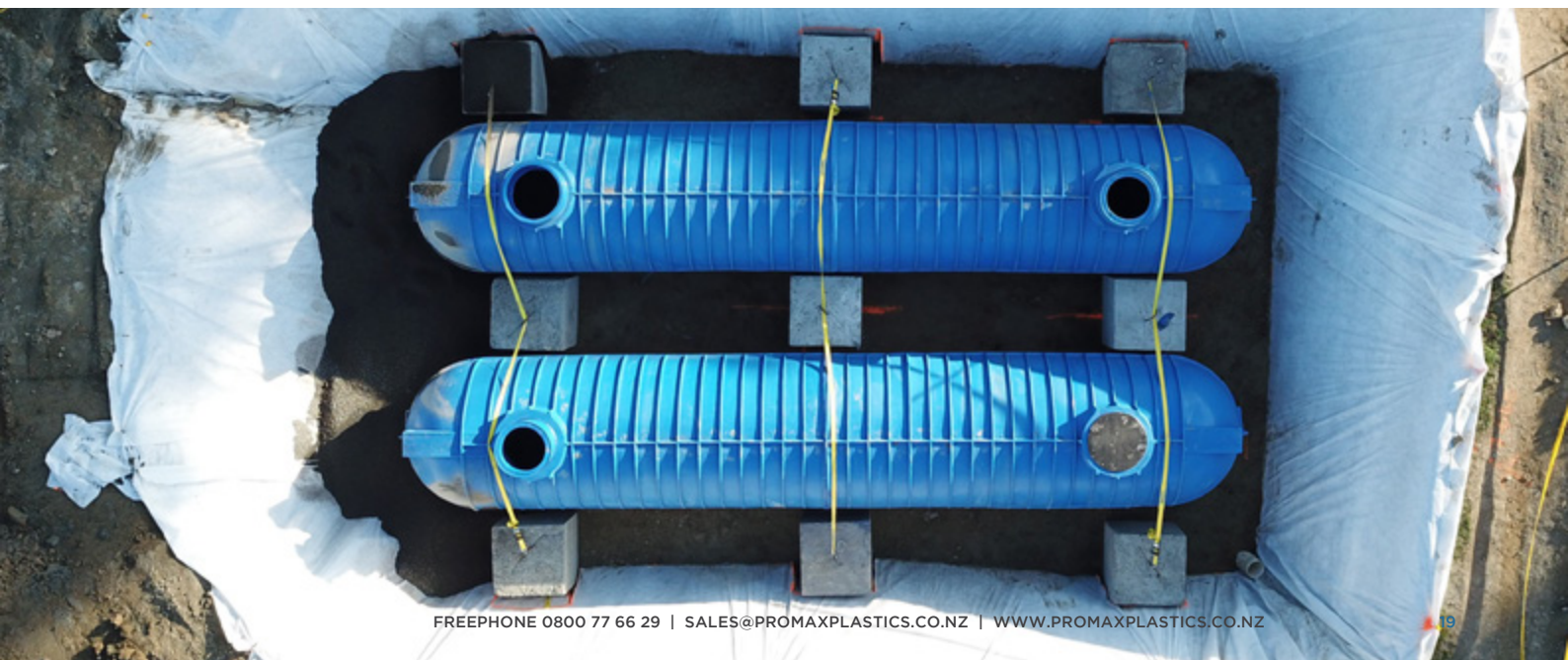
The Promax Stormwater/Wastewater Tanks are suitable for the retention or detention of stormwater or the storage of wastewater.

The tanks are fully tested and designed to withstand ground and water pressure at depth. The Promax Tank is engineered by geotechnical experts including Finite Element Analysis testing (FEA).



Distinctive Benefits

- Stormwater retention
- Stormwater detention
- Wastewater storage
- Fire storage
- Large range from 2,000 to 35,000L (Larger on request)
- Suitable to be installed under driveways, footpaths, car parks, forecourts and much more
- Save time and money with multiple inlet/outlet plumbing ports
- Optional Extras include Welded PE spigots, PVC connectors and BSP Threaded Fittings
- Vehicular Traffic - Tested to AS/NZS 2566: 1 -1998 with a load rating of 28kpa. Performance of the tank is dependent on the surrounding native soil, embedment and depth of buried tank



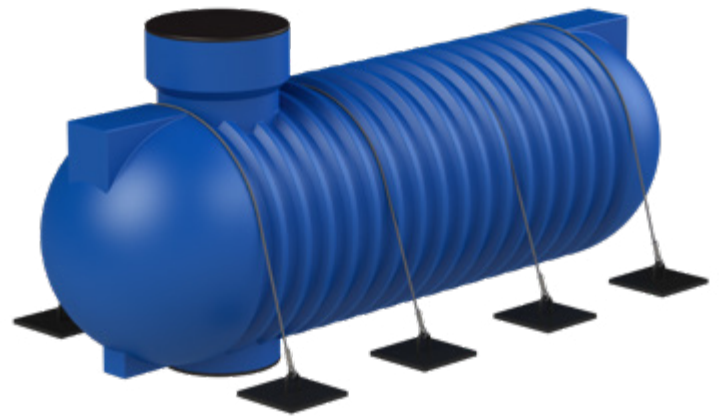
1.8 Promax Underground Tanks

Installation Anchors

The Promax Installation Anchor is a cost-effective solution to holding Underground Tanks secure while backfilling and compacting.

Due to the cylindrical shape of the Underground Tanks they can 'ride-up' when being backfilled and compacted around the sides. These anchors ensure the tank stays in the correct position enabling an easier and more efficient installation.

- Modular – 1 x Strap & Anchor pads per meter.
- Cost effective

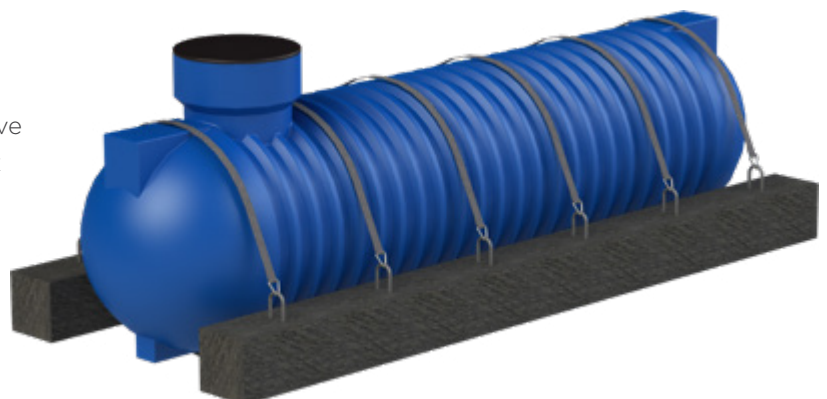


Hydraulic Uplift Restraint

Promax Uplift Anchors ensure you tank will stay in the ground even when subject to high hydraulic pressure.

Fully engineered and reinforced these modular anchors are simple and highly effective. We recommend they are installed on every tank to give you the assurance and peace of mind that your tank will be safely secured underground.

- Modular – Just add concrete.
- Fully Engineered with PS1
- Available for all tank sizes.



1.9 Promax Underground Tank Accessories

Lids & Accessories

Plastic Lid

Supplied as standard with all Underground Tanks. Suitable for light pedestrian traffic. Suited for in lawn and garden applications.



Steel Lid

Steel Lids are used where the manhole will be under concrete. Standard steel lid is Class B, suitable for residential driveways and foot paths. Other ratings available on request.



Adjustable Riser

Used in conjunction with the Steel Lid, this riser allows up to 300mm of vertical adjustment and 15 degrees of slope adjustment.



Riser Extension

Used to extend the manhole on Underground Tanks vertically in 300mm increments.



Stainless Safety Grill

The safety grill is safety device to prevent accidental entry to a manhole. Even if the cover is completely removed, the grill stays in place.



Specifications

Promax Underground Tanks - 0.75m Dia

Code	Volume	Diameter	L (mm)	Manhole
PMXUT02000.75	2000L Underground Tank	750	3835	600dia
PMXUT03000.75	3000L Underground Tank	750	4960	600dia
PMXUT04000.75	4000L Underground Tank	750	7580	600dia

Promax Underground Tanks - 0.9m Dia

Code	Volume	Diameter	L (mm)	Manhole
PMXUT01000.9	1000L Underground Tank	900	1240	600dia
PMXUT02000.9	2000L Underground Tank	900	3670	600dia
PMXUT03000.9	3000L Underground Tank	900	4705	600dia
PMXUT04000.9	4000L Underground Tank	900	6255	600dia
PMXUT05000.9	5000L Underground Tank	900	7280	600dia
PMXUT06000.9	6000L Underground Tank	900	8835	600dia
PMXUT07000.9	7000L Underground Tank	900	9865	600dia

Promax Underground Tanks - 1.2m Dia

Code	Volume	Diameter	L (mm)	Manhole
PMXUT020001.2	2000L Underground Tank	1280	1950	600dia
PMXUT030001.2	3000L Underground Tank	1280	3100	600dia
PMXUT040001.2	4000L Underground Tank	1280	4000	600dia
PMXUT050001.2	5000L Underground Tank	1280	5000	600dia
PMXUT060001.2	6000L Underground Tank	1280	6000	600dia
PMXUT070001.2	7000L Underground Tank	1280	6700	600dia
PMXUT080001.2	8000L Underground Tank	1280	7700	600dia
PMXUT090001.2	9000L Underground Tank	1280	8700	600dia
PMXUT100001.2	10000L Underground Tank	1280	9700	600dia

Promax Underground Tanks - 1.9m Dia

Code	Volume	Diameter	L (mm)	Manhole
PMXUT100001.9	10000L Underground Tank	1900	5500	600dia
PMXUT150001.9	15000L Underground Tank	1900	7500	600dia
PMXUT200001.9	20000L Underground Tank	1900	9500	600dia
PMXUT250001.9	25000L Underground Tank	1900	11500	600dia
PMXUT300001.9	30000L Underground Tank	1900	13500	600dia

Specifications

Promax Enduro Underground Tanks - 1.25m Dia

Code	Volume	Diameter	L (mm)	Manhole
PMXUT020001.0	2000L Enduro Underground Tank	1250	2070	600dia
PMXUT030001.0	3000L Enduro Underground Tank	1250	3070	600dia
PMXUT040001.0	4000L Enduro Underground Tank	1250	4115	600dia
PMXUT050001.0	5000L Enduro Underground Tank	1250	5115	600dia
PMXUT060001.0	6000L Enduro Underground Tank	1250	6115	600dia
PMXUT070001.0	7000L Enduro Underground Tank	1250	7160	600dia
PMXUT080001.0	8000L Enduro Underground Tank	1250	8160	600dia
PMXUT090001.0	9000L Enduro Underground Tank	1250	9160	600dia
PMXUT0100001.0	10000L Enduro Underground Tank	1250	10200	600dia

Promax Pump Chamber

Code	Volume	Diameter	L (mm)	Manhole
PMXAC01300PS	1300L Pump Chamber	1000	2000	600dia

Accessories

Code	Product	Diameter
PMXAC00600TP	Underground Tank Tamper Proof Lid	600mm
PMXUT00500TLG	Promax Riser Safety Grill 500mm	500mm
PMXUT00300R	Promax Underground Tank Riser 600 x 300mm	600mm
PMXUT00300ATR	Promax UG Tank Trafficable Riser	500mm
PMXUT00500TLG	Promax UG Cast Trafficable Lid 500mm	500mm
PMXUT0001.2UR	Promax Underground Box Uplift Restraint	1.2m Dia - per 1000L (pair)
PMXUT0001.9UR	Promax Underground Box Uplift Restraint	1.9m Dia - per 2500L (pair)
PMXUT1.2IA	Promax Underground Installation Anchor	

