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Promax
CIVIL

Promax Civil Product Catalogue 2021



Welcome

If you need to transport liquids from one point to the other, Promax will make the journey a smooth one. At the same time, we'll make it affordable, safe and efficient.

Our units are designed and manufactured to deliver unmatched flexibility and economy for transporting liquids. Our specially formulated polymers eliminate rust and stress-cracking problems, while significantly reducing weight. The result? Increased durability and reduction in setup costs. Maximum safety and strength. Minimum hassle.

From liquid transport tanks to toolboxes and everything in between, Promax has what you require. So, if you need to take it from one place to the other, with easy operation at both ends of that journey, contact us for a smooth ride.

Over the years we've come across most situations in Water Storage and love working with our clients to design a solution which helps them achieve their specific objectives. Our team are ready to discuss your needs and create custom solutions for you.

Kind regards

The Promax Team

Freephone 0800 77 66 29

Fax 09 407 3578

sales@promaxplastics.co.nz

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Civil Products

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1.1

Liquid Transport Tanks

The Promax range of free-standing Liquid Transport Tanks delivers real strength through clever design.

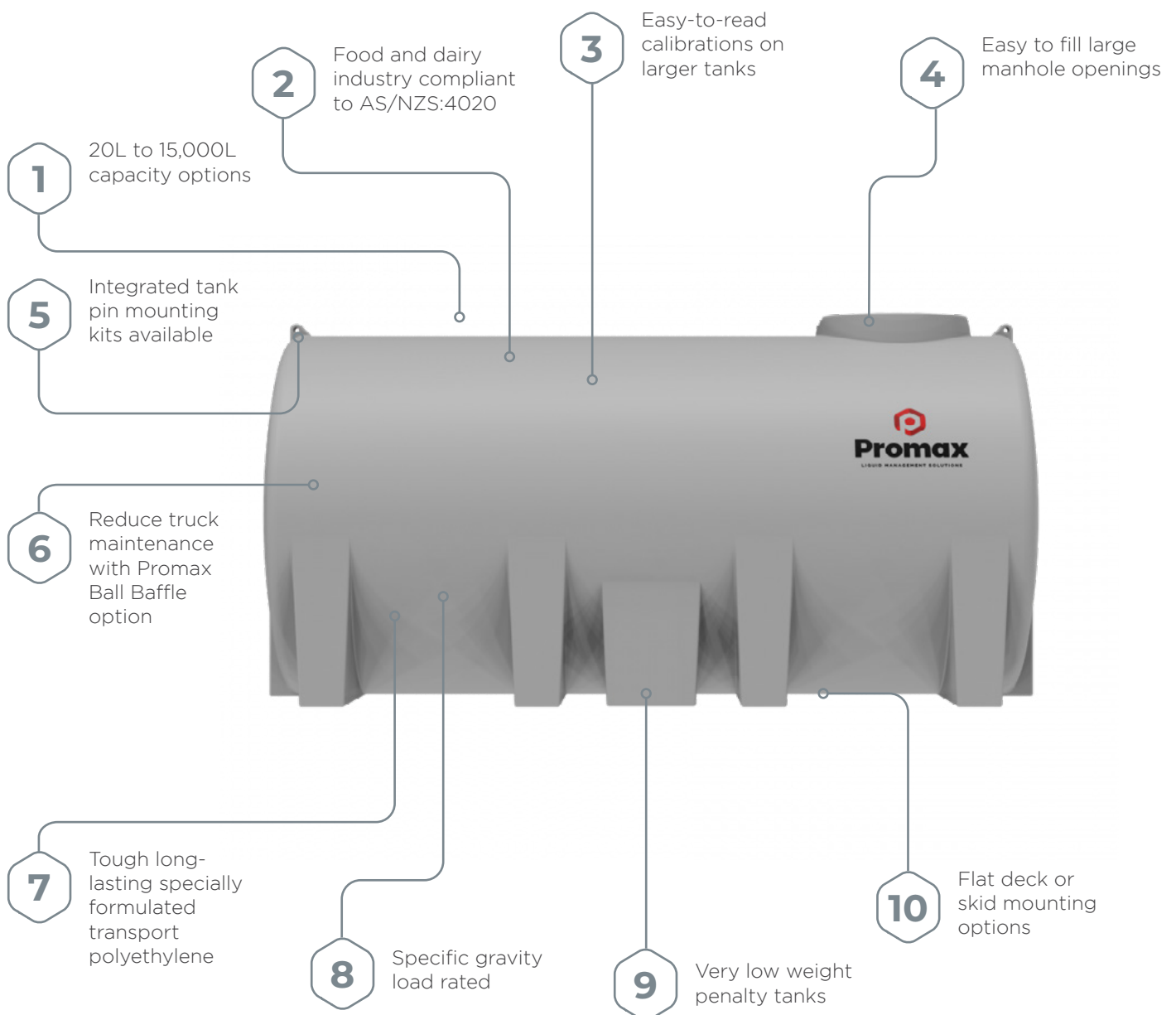
These heavy duty tanks are constructed from hard-wearing polyethylene to be really tough, without the usual associated weight penalty of other types of tanks. For heavier duty requirements, such as molasses, liquid fertiliser and other products with a greater specific gravity than water, we manufacture a thicker walled tank for increased strength and durability for product up to 1.6 specific gravity.

DISTINCTIVE BENEFITS

- Exclusive, specially-formulated polyethylene
- Order with ball baffles to reduce surge and increase stability
- UV-stabilized to withstand the elements for a long, trouble-free life
- Mount directly to any flat surface with no frame needed for total versatility
- The thick walls are load-rated up to 1.3 specific gravity on all standard tanks for extra strength
- The large opening makes filling easy
- Clear calibration for accurate measurement of contents
- Larger tanks have a spill containment lip to reduce the risk of accidental spills
- Range of sizes from 20L to 15,000L
- Integrated tank securing kit available on all models



10 Reasons to purchase a Promax Liquid Transport Tank



1.2

Dust Suppression Units

Build a new income stream with the Promax Dust Suppression Spray System.

Used on construction sites, road works, quarries and mining sites, this easy-to-setup unit attaches easily to all Promax Free-standing Liquid Transport Tanks to get you up and running quickly.

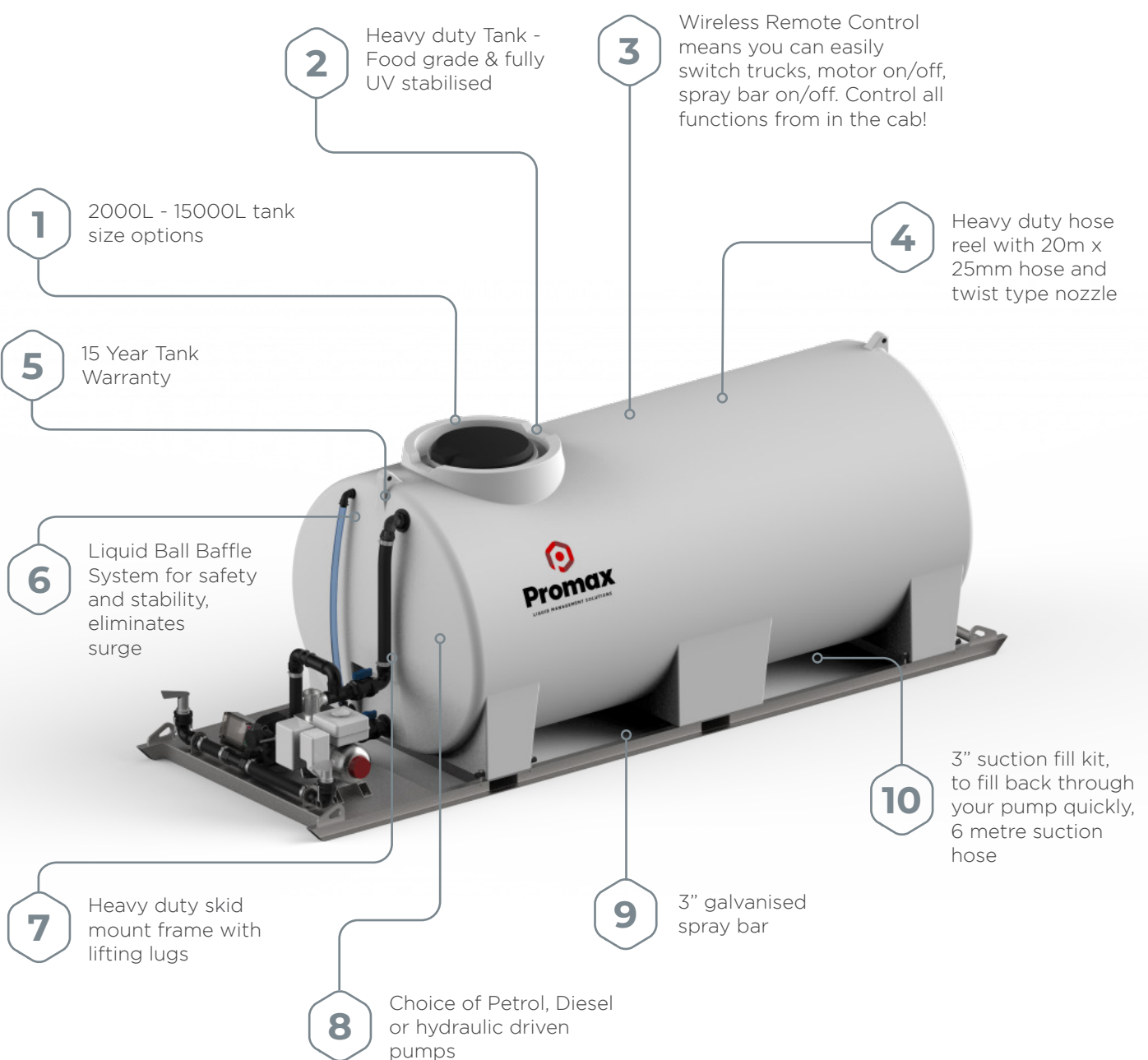


DISTINCTIVE BENEFITS

- Attach the tank directly to your chassis frame or use an optional slip-on steel frame
- Pumps come with either petrol or diesel motors
- Fill your tank from overhead standpipes, mains hydrants or dams
- Big-bore, high-flow hose reel – optional
- Easy to operate, truck-mounted spray system
- All pipe-work is galvanised for durability
- Keep operations smooth with in-cab air controlled functions
- Portable in-cab control box for comfort and convenience
- Water level sight-glass for easy monitoring
- Front spray bar option



10 Reasons to purchase a Promax Dust Suppression Unit



1.3

Chassis Mounted Dust Suppression Units

Promax Dust Suppression Units - Safe, Durable and Cost Effective.

These custom Dust Suppression Trucks designed and built by Promax come with an array of options, all built to your specifications to suit any civil, forestry or roading requirement.

DISTINCTIVE BENEFITS

- 1000L to 15000L Capacities.
- Direct to chassis mounted.
- Petrol, diesel or hydraulic driven pumps
- High flow washdown hose & reel.
- Galvanised pipework for durability
- In-cab controls & functions to keep operators safe
- Front spray bar option



1.4

Dust Suppression Trailer Unit

Dust Suppression Unit

DISTINCTIVE BENEFITS

- Durable UV stabilised PE tank.
- Heavy-duty poly hose reel with 36m x 19mm fire hose.
- Honda 2" Pump.
- Promax Baffle Ball System fitted
- Braked or Unbraked options.



1.5

Water Delivery Units

In mid-summer when the water is tight, it's a great income stream to provide water delivery.

Promax water delivery units are heavy duty but light weight. They are UV stabilised, food grade plastic and NZ Health Board approved. These units are easily fitted to existing flat deck trucks and can be quickly removed when carting other loads. Being plastic there is very little maintenance required. Fully operational on delivery.

DISTINCTIVE BENEFITS

- New Income stream delivering household water
- Food Grade Plastic
- Meets NZ health Board Standard to AS/NZS:4020
- 1000 - 30,000 Capacity
- Slip on or chassis mountable
- Simple and cost effective
- 15 year Tank Warranty
- Custom built applications



10 Reasons to invest in a Promax Water Delivery Unit



Washdown Hose Reel

The Promax Washdown/Firefighting Hose reel can be coupled to your Water Cart and used for a variety of tasks.

- 30m x 19mm Hose
- Galvanised Steel and Poly Construction
- Adjustable Nozzle



Self Loading Legs

This system enables the operator to load and unload an empty unit from thier truck without the need for lifting equipment.

The Promax Self-Loading Legs are available for the 8000, 10000, 13000 & 15000L Water Carts.



Ball Baffle System

The Promax Ball Baffle is New Zealand's most effective surge protection system for the transportation of liquids.

The Ball Baffle system deflects the fluid surge movement providing greater stability when cornering and braking. This improved stability can lead to significant savings on road wear and vehicle maintenance. Manufactured in top-quality food-grade materials it can be used for any type of liquid (including potable water and diesel). The Ball Baffle system is suitable for all types of tanks.



DISTINCTIVE BENEFITS

- Suitable for use with any tank type; polyethylene, steel, fibre-glass, aluminum etc
- Reduces wear and tear on the truck
- Improves braking by up to 46%
- Only small opening required for installation
- Lightweight, durable with no rust
- Simple to install; clip together and place in the tank
- Food grade quality material - suitable for potable water

LOW LIQUID DISPLACEMENT

- Large ball displaces 428ml and weighs only 386g
- Small ball displaces 150ml and weighs only 120g

RECOMMENDED USAGE

- 355mm is 1 ball baffle per 40L of tank capacity
- 195mm is 1 ball baffle per 7L of tank capacity



1.7

Promax Diesel Units

Tank complete with pump
200L to 1000L

DISTINCTIVE BENEFITS

- 4 metres of 20mm delivery hose with swivel connector
- Automatic shut-off nozzle
- 40L/min flow diesel pumps
- Padlockable hinged cover
- Ball Baffles option for surge protection
- Innovative splash-resistant breather
- Easy-clean suction strainer



10 Reasons to purchase a Promax Diesel Unit



1.8

Xpress Diesel Tanks

Bare tank 200, 550, 900L

DISTINCTIVE BENEFITS

These premium heavy-duty diesel tanks are excellent for upgrading or replacing current tanks. The high quality specially formulated UV-stabilised metallocene-based polyethylene ensures long and maintenance free life.

- Certified UV-stabilised diesel grade polyethylene
- Innovative splash resistant breather system



Taska Tool Box

Taska Tool Boxes are made with the popular angle design to match modern utility fitouts while still offering a good sized storage area.

- Will never rust or rot like steel or plywood
- Lockable to keep your valuable tools safe
- Designed to be totally weatherproof
- Available in Large or Small and three different colours



1.9 Drainage

Polyflo Culverts

These tough high-quality ribbed polyethylene culverts offer many advantages over traditional concrete materials.

They are lightweight and easy to handle . This reduces transport and installations costs, making drainage more affordable.

- Available in 330mm to 1200mm internal diameter and 2.7m lengths
- Heavy duty ribbed polyethylene construction for added assurance

- Lightweight for easy transport
- Easy joining and installation method
- No damage from rust or corrosive materials
- Very high strength and resistance to impact and shock
- Inherently flexible making it ideal for more difficult terrain



Fluming

This lightweight half circle polyethylene culvert is ideal for water drainage management to prevent erosion and meet environmental concerns.

Being stackable and easily transported makes the Polyflo Fluming very popular in the forestry and agricultural sectors.

- Available in 330mm to 1200mm diameters
- Heavy duty ribbed polyethylene construction
- Easy installation
- Ideal for uneven contours



1.10 Specifications

Promax Diesel Units

Code	Description	L (mm)	W (mm)	H (mm)
PMXDT0020040LP	Promax Diesel Unit 200L - 40lpm 12v	1200	850	535
PMXDT0040040LP	Promax Diesel Unit 400L - 40lpm 12v	1200	850	850
PMXDT0060040LP	Promax Diesel Unit 600L - 40lpm 12v	1700	880	740
PMXDT0100060LP	Promax Diesel Unit 1000L - 60lpm 12v	1700	1000	1025

Xpress Diesel Tanks

Code	Description	L (mm)	W (mm)	H (mm)
XPDT00200	200L - Free Standing Diesel Tank	800	580	600
XPDT00500	550L - Free Standing Diesel Tank	1250	830	850
XPDT00900	900L - Free Standing Diesel Tank	1880	830	850
PMXTT00050	Promax Transport Tank 50L	920	390	305
PMXTT00100	Promax Transport Tank 100L	920	390	425
PMXTT00200LP	Promax Transport Tank 200L Low Profile	925	710	510
PMXTT00200	Promax Transport Tank 200L	800	550	600
PMXTT00400LP	Promax Transport Tank 400L Low Profile	1620	710	510
PMXTT00550	Promax Transport Tank 550L	1250	830	870
PMXTT00600	Promax Transport Tank 600L	1190	1050	850
PMXTT00800	Promax Transport Tank 800L	1350	1200	690
PMXTT00900	Promax Transport Tank 900L	1880	830	870
PMXTT01000	Promax Transport Tank 1000L	1350	1200	900
PMXTT01200	Promax Transport Tank 1200L	1700	1320	860
PMXTT01500	Promax Transport Tank 1500L	1700	1320	1050
PMXTT02000	Promax Transport Tank 2000L	2000	1420	1070
PMXTT02500	Promax Transport Tank 2500L	2000	1420	1265
PMXTT03000	Promax Transport Tank 3000L	2340	1520	1200
PMXTT03400	Promax Transport Tank 3400L	2960	1450	1230
PMXTT04400	Promax Transport Tank 4400L	2960	1450	1470
PMXTT04800	Promax Transport Tank 4800L	2340	1550	1880
PMXTT05000	Promax Transport Tank 5000L	2790	2000	1400
PMXTT06000	Promax Transport Tank 6000L	2790	2000	1556
PMXTT07000	Promax Transport Tank 7000L	3250	1900	1640
PMXTT08000	Promax Transport Tank 8000L	3250	1900	1850
PMXTT10000	Promax Transport Tank 10000L	3600	2250	1850
PMXTT13000	Promax Transport Tank 13000L	3600	2250	2120
PMXTT13000LP	Promax Transport Tank 13000L Low Profile	4000	2350	1890
PMXTT15000	Promax Transport Tank 15000L	4000	2350	2116
Code	Description	L (mm)	W (mm)	H (mm)
PMXTT02000DS	2000L Slip-On Dust Suppression Unit	2850	1340	1200
PMXTT02500DS	2500L Slip-On Dust Suppression Unit	2850	1340	1400
PMXTT03000DS	3000L Slip-On Dust Suppression Unit	3290	1410	1500
PMXTT03400DS	3400L Slip-On Dust Suppression Unit	3940	1300	1400
PMXTT04400DS	4400L Slip-On Dust Suppression Unit	3940	1300	1500
PMXTT05000DS	5000L Slip-On Dust Suppression Unit	3800	2000	1500

PMXTT06000DS	6000L Slip-On Dust Suppression Unit	3800	2000	1650
PMXTT07000DS	7000L Slip-On Dust Suppression Unit	4300	1800	1750
PMXTT08000DS	8000L Slip-On Dust Suppression Unit	4300	1800	1950
PMXTT10000DS	10000L Slip-On Dust Suppression Unit	4800	2250	1950
PMXTT13000DS	13000L Slip-On Dust Suppression Unit	5100	2250	1950

Accessories	Description	Dia (mm)	Weight (g)	Displacement (ml)
PMXTT00195BB	Small Baffle Ball	195	120	150
PMXTT00355BB	Large Baffle Ball	355	386	428
PMXTTUPGLEG	Self Loading Legs			
PMXTT01000HR	Washdown Hose Reel - 30m x 19mm			

Boxes & Bins

Code	Description	Length (mm)	Width (mm)	Height (mm)
PMXSB00600	Taska Tool Box Small	680	480	600
PMXSB01050	Taska Tool Box Large	1050	460	600

Code	Description	Length (mm)	Width (mm)	Height (mm)
PMXPC00500	Promax Small Pump Cover	700	400	500
PMXPC00850	Promax Large Pump Cover	800	570	850

Drainage

Code	Description	Length (mm)	Diameter (mm)
PMXCU003302.7C	Promax Polyflo Culvert 330mm x 2.7m (MOQ=2)	2700	330
PMXCU004502.7	Promax Polyflo Culvert 450mm x 2.7m (MOQ=2)	2700	450
PMXCU006002.7C	Promax Polyflo Culvert 600mm x 2.7m (MOQ=2)	2700	600
PMXCU007502.7C	Promax Polyflo Culvert 750mm x 2.7m (MOQ=2)	2700	750
PMXCU009002.7	Promax Polyflo Culvert 900mm x 2.7m (MOQ=2)	2700	900
PMXCU003302.7F	Promax Fluming 330mm x 2.7m	2700	330
PMXCU004502.7F	Promax Fluming 450mm x 2.7m	2700	450
PMXCU006002.7F	Promax Fluming 600mm x 2.7m	2700	600
PMXCU007502.7F	Promax Fluming 750mm x 2.7m	2700	750
PMXCU009002.7F	Promax Fluming 900mm x 2.7m	2700	900



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LIQUID MANAGEMENT SOLUTIONS

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