PIONEER
WATER TANKS

COMMERCIAL WATER TANKS

Leaders in large scale water storage infrastructure

AUSTRALIAN MADE & OWNED
SINCE 1988

1800 999 599

pioneerwatertanks.com.au

Trusted Since 1988

100% Australian Owned

Fresher Water

Pioneer 8-80 V-LOCK®

Pioneer Dealer Direct®

20/20 Warranty

PFAS, BPA & PVC Free Liner

Our tank liners are free from harmful chemicals, providing safe, compliant and reliable water storage for commercial, industrial and municipal use.

OUR COMMITMENT

Pricing

Committed to providing a competitive price and personalised service to match individual needs.

Experience

Dedicated staff with practical knowledge and years of experience.

Flexibility

We listen to your specific needs and recommend a suitable custom water storage solution.

Engineering

Through our qualified engineering personnel and independent consultant engineers, we provide high quality professional design and support services.

Installation

Thorough check methods are employed to ensure correct installation from beginning through to commissioning. Our procedures provide for ease of installation, less time on site, minimal infrastructure and construction personnel.

Associations

Pioneer Water Tanks is an associate member of several Australian and international associations involved in the design of water storage systems.

Quality & Service

Pioneer Water Tanks is committed to providing the best quality product and service from first contact to completed and tank and after sales service.

Aesthetics

Profiled wall design and wide range of colours to seamlessly integrate with the surrounding environment.

Advanced Production Technologies

Continual research and development and innovative production methods create uniform quality. A culture of continuous improvement forms a key pillar of Pioneer Water Tanks' business success.

GROSS CAPACITY CHART

Tank Model	Tank Diameter	R1 1.15m	R2 2.18m	R3 3.23m	R4 4.27m	R5 5.31m	R6 6.35m	R7 7.39m	R8 8.43m
XL01	2.67m	6kL	12kL	18kL	24kL	30kL	36kL*	42kL*	47kL*
XL04	3.34m	10kL	19kL	28kL	38kL	47kL	56kL	65kL*	74kL*
XL05	4.01m	15kL	28kL	41kL	54kL	67kL	80kL	93kL	107kL*
XL08	4.68m	20kL	38kL	56kL	74kL	91kL	109kL	127kL	145kL*
XL10	5.35m	26kL	49kL	73kL	96kL	119kL	143kL	166kL	189kL*
XL13	6.02m	33kL	62kL	92kL	122kL	151kL	181kL	210kL	240kL
XL15	6.69m	40kL	77kL	114kL	150kL	187kL	223kL	260kL	296kL
XL20	7.35m	49kL	93kL	137kL	182kL	226kL	270kL	314kL	358kL
XL23	8.02m	5kL	110kL	163kL	216kL	269kL	321kL	374kL	426kL
XL25	8.69m	68kL	130kL	192kL	254kL	315kL	377kL	439kL	500kL
XL30	9.36m	79kL	150kL	223kL	294kL	366kL	437kL	509kL	580kL
XL35	10.03m	91kL	173kL	255kL	338kL	420kL	502kL	584kL	666kL
XL40	10.70m	103kL	196kL	291kL	384kL	477kL	571kL	664kL	758kL
XL45	11.36m	117kL	222kL	328kL	434kL	539kL	645kL	750kL	855kL
XL50	12.03m	131kL	248kL	368kL	486kL	604kL	723kL	841kL	959kL
XL60	12.70m	146kL	277kL	410kL	542kL	673kL	805kL	937kL	1.10mL
XL65	13.37m	161kL	307kL	454kL	600kL	746kL	892kL	1.00mL	1.18mL
XL70	14.04m	178kL	338kL	501kL	662kL	823kL	984kL	1.14mL	1.30mL
XL80	14.71m	195kL	371kL	549kL	726kL	903kL	1.10mL	1.30mL	1.43mL
XL85	15.37m	213kL	406kL	601kL	794kL	987kL	1.18mL	1.37mL	1.57mL
XL90	16.05m	232kL	442kL	654kL	864kL	1.10mL	1.28mL	1.49mL	1.70mL
XL100	16.71m	252kL	479kL	710kL	938kL	1.17mL	1.39mL	1.62mL	1.85mL
XL110	17.38m	273kL	518kL	767kL	1.00mL	1.26mL	1.51mL	1.75mL	2.00mL
XL120	18.05m	294kL	559kL	828kL	1.10mL	1.36mL	1.63mL	1.89mL	2.16mL
XL130	18.72m	316kL	601kL	890kL	1.18mL	1.46mL	1.75mL	2.03mL	2.32mL
XL140	19.39m	339kL	645kL	955kL	1.26mL	1.57mL	1.88mL	2.18mL	2.49mL
XL150	20.05m	363kL	690kL	1.02mL	1.35mL	1.68mL	2.00mL	2.34mL	2.66mL
XL175	21.39m	391.7kL	788.8kL	1.16mL	1.536mL	1.91mL	2.283mL	2.657mL	3.031mL

Note

Allowance must be made for air gap and pipe work positioning to establish usable tank volume.

*Availability subject to site conditions

Conversion Units

1,000 litres = 1 cubic metre

3.785 litres = 1 US gallon

4.546 litres = 1 Imperial gallon

Legend

kL = kilolitres

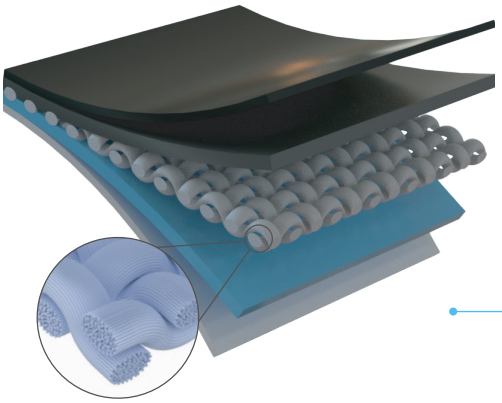
mL = megalitres

AQUALINER® FRESH

AQUALINER® Fresh is a five-layer fabric developed exclusively for Pioneer Water Tanks.

A multi-filament polypropylene weave provides superior strength and flexibility. Both sides of this weave are coated with an advanced polyolefin coating. Both sides of the fabric are coated with an inert polyethylene film. The black film is treated with Sanitized® to prevent bacterial and microbial growth.

Liner Composition



Water Facing: Waterproof, Sanitized® treated

Flexible, waterproof substrate

Reinforcing engineered for strength, tear resistance, stability

Flexible, waterproof substrate

Tank Facing: Engineered for superior abrasion resistance, waterproofness

Technical Specifications

Tensile Strength

(Newtons per 50mm) Warp: 1901N | Weft: 1353N

Elongation at Break

Warp: 24.8% | Weft: 18.8%

Wing Tear

(Newtons per 50mm) Warp: 255N | Weft: 135N

Coating Adhesion

(Newtons per 50mm) 75-85N

Flex Cracking

97,000 cycles

Max / Min Temperature

-30°C to +70°C

UV Stabilisation

Both sides of the liner have UV resistance. Excessive exposure may dry and shrink the material. Pioneer Water Tanks recommends that the AQUALINER® Fresh be covered.

Material Thickness

0.60mm

Seam Weld

25mm weld with 25mm seal tape welded to both sides covering edges of fabric.

Flume Test

Water beads: 20 metres of water head pressure.
Burst: 20 metres of water head pressure.

Chemical Resistance

AQUALINER® Fresh is resistant to various chemicals. To be certain, we recommend a chemical analysis report be completed to confirm suitability.

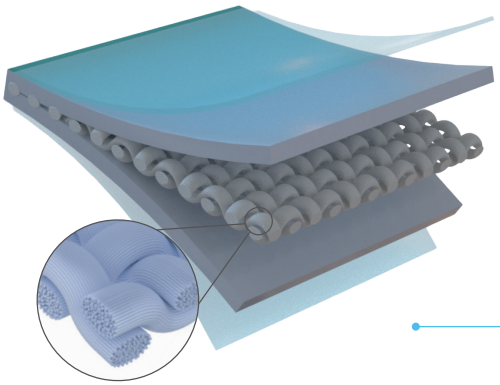
pH: 5 - 10 | Chlorine: 3 -5ppm

INDUSTRATEX® PRO+

Industratex® Pro+ is a flexible PVC liner engineered specifically for Pioneer Water Tanks.

A polyester scrim base cloth provides core strength, coated on both sides with durable PVC for long-lasting water storage performance. Both surfaces feature UV resistance to help protect against degradation, though excessive exposure and heat may cause the material to dry and shrink over time.

Liner Composition



Water Facing: Waterproof, hi-slip, easy clean food grade barrier

Flexible, waterproof, heat & chemical resistant, food grade, lightweight substrate

High tenacity, low shrinkage reinforcing with dimensional stability and reduced weight

Flexible, waterproof, heat & chemical resistant, food grade, lightweight substrate

Tank Facing: Engineered hi-slip, abrasion resistance, waterproofness

Technical Specifications

Tensile Strength

(Newtons per 50mm) Warp: 2600N | Weft: 2400N

Tongue Tear

(Newtons per 50mm) Warp: 550N | Weft: 450N

Coating Adhesion

(Newtons per 50mm) 90N (min)

Flex Cracking

400,000 cycles

Max / Min Temperature

-20°C to +50°C

UV Stabilisation

Both sides of the liner have UV resistance. Excessive exposure may dry and shrink the material. Pioneer Water Tanks recommends that the Industratex® Pro+ liner be covered.

Material Thickness

0.60mm

Seam Weld

25mm weld

Flume Test

Water beads: 20 metres of water head pressure.
Burst: 25 metres of water head pressure.

Chemical Resistance

Industratex® Pro+ is resistant to various chemicals. To be certain, we recommend a chemical analysis report be completed to confirm suitability.

pH: 5 - 10 | Chlorine: Maximum 50ppm

Free Chlorine (Cl) Exposure

The Industratex® Pro+ liner is approved for continuous free chlorine exposure up to 50ppm in pre-diluted liquid or gas form. Even dispersion is essential to prevent localised over-exposure. Projects exceeding this limit are assessed individually. Peak temperature tolerance depends on actual temperature, duration, and frequency.

LADDERS & ACCESS HATCHES

Pioneer Water Tanks ladders and platforms are specifically designed to suit a range of access requirements.

A range of internal and external ladders have been developed to comply with relevant sections of the Australian Standards or customer requirements.

All ladders are hot dipped galvanised or produced in stainless steel, fibreglass, aluminium or powder coated steel.

All commercial style ladders accommodate external and internal platforms, requirements for cages and heights of up to eight metres.

These ladders are designed to connect with either the Pioneer Water Tanks roof platform or commercial sliding access hatch.

PROJECT & SITE SERVICES

Documentation

Sales documentation, contract administration, product specifications and pricing enabling your water storage project to proceed with confidence.

Project Management

Comprehensive management and coordination of all aspects of your project for safe, timely, and cost-effective delivery and installation.

Engineering & Drafting

Custom designs, detailed drawings, and professionally engineered storage solutions.

Construction

An experienced, efficient, and professional installation team, highly trained in safe work methods and disciplined to operate within the strictest client site requirements.

Civil Works

Civil services including tank foundations (such as concrete ring beams).

Structural Works

Design, fabrication, and erection of tank stands, platforms, and ladders.

Plumbing

Supply and installation of pipework and fittings associated with your water storage project, including automation such as level control and telemetry.

Commissioning & Maintenance

Comprehensive after-sales support, including on-site commissioning of storage tanks and ongoing preventive maintenance, inspections, and reports.

Internal inspections using Remotely Operated Vehicles (ROVs) eliminate downtime and service interruptions.

Rapid response to repair damage from unexpected events or accidents, with prompt on-site assessment and corrective action in the rare event of a warranty or performance issue.

OUR REFERENCES

Pioneer Water Tanks' commercial and technical sales team has many years of experience and an intricate knowledge of specialised industrial and commercial project requirements both in Australia and around the world.

Installing in excess of 4,000 water tanks each year Australia wide and in over 30 countries, our fast installation time frame and flat packaging for easy transportation are just two of the reasons why our clients have chosen to invest in our tanks.

Following is a partial list of our past projects.

Mining & Exploration

- **Bounty Mine Forrestania, WA** – 250kL process tank and 100kL potable water tank
- **Pannawonica Mine Site, WA** – 720kL cyclone rated heavy-duty tank
- **Gold Mine Site, Kalgoorlie WA** – 500kL process plant tank
- **Cannington Silver & Lead Mine, North QLD** – 1.0mL x2 storage/ processing tanks
- **Gold Mine, Bendigo VIC** – 250kL process water tank
- **Nickel Mine, QLD** – 363kL chemical treated tank
- **Cullen Valley Mine, NSW** – 219kL raw water storage tank
- **Boddington Gold Mine, WA** – 434kL process water storage tank
- **Iron Ore Mine, Yandi WA** – 384kL x4 water storage tanks
- **Ore Body 23, Newman WA** –1.0mL water storage tank
- **Paraburdoo Iron Ore Mine Site, WA** – 1.14mL x2 process water storage tanks
- **Paraburdoo Iron Ore Mine Site, WA** – 2.6mL process water storage tank
- **Collie Power Station, WA** – 2.18mL process water storage tanks
- **LNG Plant, WA** – 27 x 1.0mL fire process water storage tanks

Commercial & Industrial

- **WA State Government, York WA** – 328kL potable storage tank
- **WA State Government, Lancelin WA** – 294kL x2 potable storage tanks
- **WA State Government, Dalyellup WA** – 1.3mL potable storage tank
- **WA State Government, Greenhead WA** – 200kL potable storage tank
- **WA State Government, Sovereign Hill WA** – 150kL potable storage tank
- **Electricity generation, TAS** – 1.0mL potable storage tank
- **Winery, Mt Barker WA** – 400kL x2 bio-reactor storage tanks
- **Poultry site, Tamworth NSW** – 1.5mL x2 processing tanks
- **Community water project, Warburton WA** – 500kL potable storage tank
- **Dairy products processing site, Cobden, VIC** – 250kL x2 effluent storage tanks
- **Victorian State Government (VIC)** – 1.27mL reuse water scheme tank

Fire Control

- **Fire Safe Systems, Kewdale WA** – 143kL x4 fire water storage tanks
- **Coal mine, Douglas Park NSW** – 330kL underground water services tank
- **Food warehouse, Canning Vale WA** – 300kL x3 fire water storage tanks
- **Meat processing site, Wagga Wagga NSW** – 250kL x2 fire water storage tanks
- **Building company, NSW** – 323kL potable water storage tank
- **College site, Stanwell Tops NSW** – 244kL fire water storage tank
- **National electricity retailer, Midland WA** – 75kL fire service water storage tank
- **Fire solutions provider, Welshpool WA** – 500kL fire service water storage.

Overseas Export Markets

- **Middle East** – United Arab Emirates, Saudi Arabia, Oman, Qatar, Egypt, Kuwait.
- **South Pacific** – Cook Islands, Fiji, Tahiti, PNG, Norfolk Island, New Zealand, New Caledonia.
- **South East Asia** – Malaysia, Brunei, Singapore, Thailand, Timor, Indonesia.
- **Africa** – South Africa, Congo, Zambia, Nigeria, Ghana, Botswana, Namibia, Algeria, Kenya.
- **South America** – Chile, Argentina, Peru, Uruguay, Costa Rica.
- **West Indies** – Haiti, Santo Domingo.
- **North America** – Texas/California.

GET A QUOTE TODAY!

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