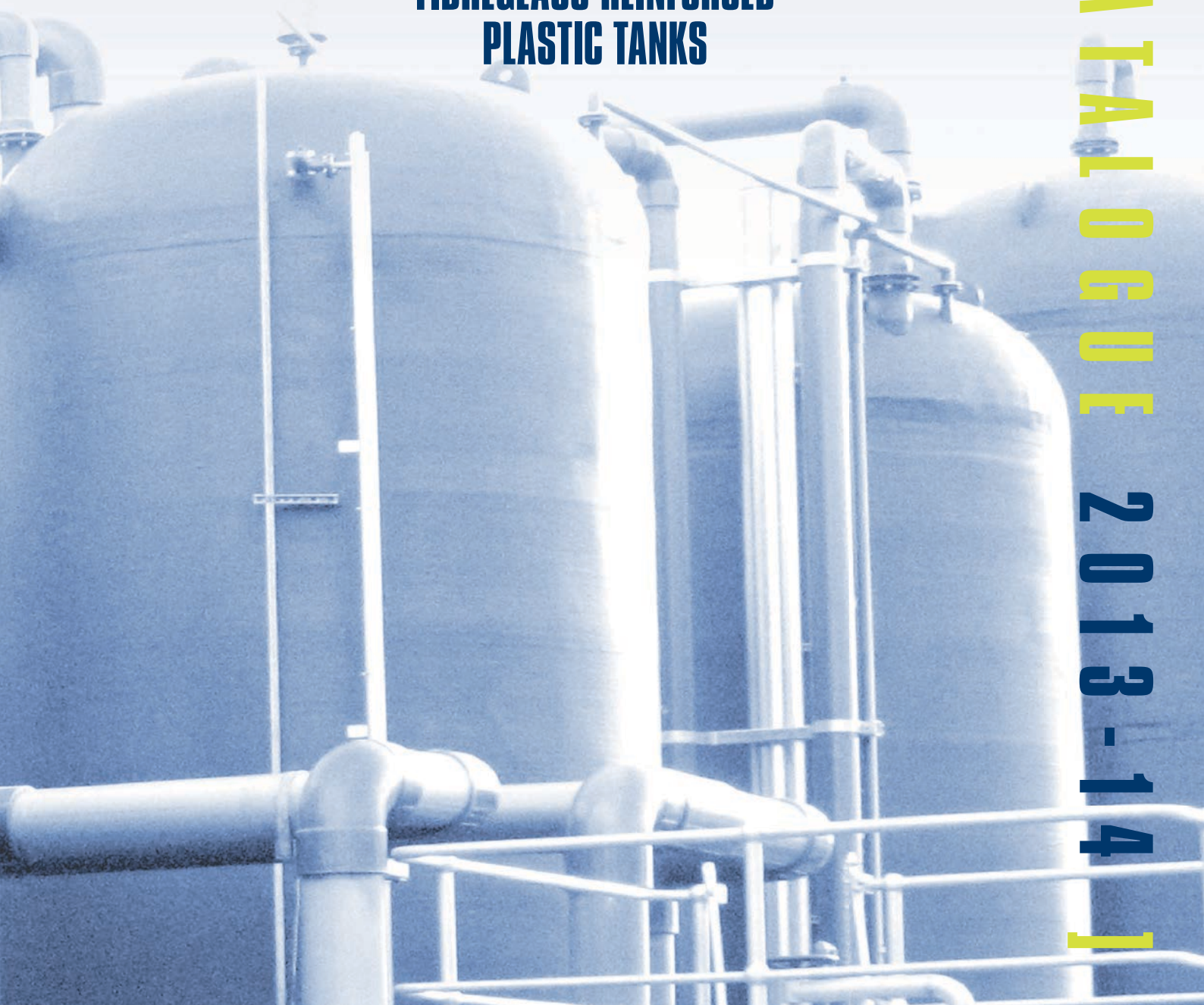




CHEMSTORE
INTERNATIONAL GROUP

**FIBREGLASS REINFORCED
PLASTIC TANKS**

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FIBREGLASS REINFORCED PLASTIC TANKS



Chemstore International Group has been manufacturing FRP tanks since 1972, and has become Australia's leader in the industry. Chemstore's tanks are custom designed and constructed to best suit our client's needs and requirements. These tanks are typically used in the water treatment, sewerage treatment, chemical manufacture and process, fertilizer industry, mining and pharmaceutical industries.

Chemstore International Group's vast product range includes vessels for vacuum applications, horizontal tanks, elevated tanks, flat based insulated tanks and double walled containment tanks. The tanks can be circular, square or any other shape.

Our standard range of vertical storage tanks are chop hoop filament wound. The combination of high hoop strength provided by filament winding and the multi directional strength of chopped strand laminate results in highly robust and superior products. All tanks manufactured by Chemstore are fully designed in accordance with Australian, British or American standards. Customized resin selection, individual engineered vessel design and in-house drafting services are just some of the unique benefits of an FRP tank manufactured by Chemstore International Group.

Our products can be designed to withstand any specification and each vessel is treated like a new development, meaning that everything is covered to ensure the best possible solution for the customer.

Over the years Chemstore tanks have been proven in many fields as an extremely durable, quality product with an exceptional lifespan.

CHEMICAL STORAGE TANKS

Chemstore International Group supplies an extensive range of fibreglass reinforced plastic chemical storage tanks. These tanks laid the foundation on which the company originated on. Over the past 30 years these tanks have proved to be durable, robust and lasting in the presence of the harshest and most corrosive environments.

Chemstore tanks are used to store chemicals such as sodium hypochlorite, sodium hydroxide, aluminium sulphate, fluorosilicic acid, coagulant and ferric chloride just to name a few. With such an advanced corrosion resistance, and using the highest developed and most innovative technology in the world to manufacture these tanks, they have proved the most superior in the country. Chemical storage tanks are normally designed to atmospheric storage pressures and ambient temperatures, however we do not limit our design to this and are willing to work with you on your requirements. Chemstore tanks can be constructed in many configurations.



MIXING - AGITATED TANKS

Mixing or agitated tanks are designed and manufactured to withstand certain loads and pressures that are associated with chemical or solution agitation. The tanks can be elevated with a coned bottom for full drainage or designed as the standard flat base cylindrical tank; the configuration is up to you. There are a number of ways you can set up an agitator such as centred, offset or side wall mounted; we will work with you to design what best suits your requirements. The tank roofs are constructed with reinforcement struts and a mixer mount suited to the agitator. Chemstore International Group also supplies a large range of industrial agitators.



ELEVATED TANKS

Chemstore's range of elevated tanks is used in the liquid fertilizer, pharmaceutical, liquid waste treatment, mining process and chemical manufacturing industries. Elevated tanks are supplied with support legs or in a skirt configuration, and are suitable as agitator tanks with a requirement for total drainage.

INSULATED & DOUBLE WALLED TANKS

Insulated and double walled tanks are an advanced design that Chemstore International Group has developed. Insulated tanks are used in industries which require specific temperature ranges. Chemstore's double walled tanks are an innovative design used in situations where there are limited physical binding options. The outside wall works as a containment skin which avoids spillage of chemical. Leak detection devices can be fitted to these tanks to alert operators of the uncommon likelihood of leakage.

QUALITY

Chemstore International Group has been in the FRP tank manufacturing industry for many years and is the pioneer of the industry in Australia. Throughout our long history, there is one factor that has always been a driving force behind our business, and that is to manufacture the best quality product possible. Quality Control and the Management of Quality has always been an important business principle, with a strict Quality Management System Accredited to ISO9001:2008. Every product that exits the doors of Chemstore International Group has a full quality check signed off by our quality management team. Our premises have full in-house testing facilities and can perform any tests relevant to worldwide manufacturing standards for FRP tanks.



Chemstore International Group continually updates, maintains and improves quality management activities to enhance the performance and life span of our products. We strive for 100% customer satisfaction.

PROCESS TANKS

Chemstore's process tanks are manufactured with materials which comply with the US Food, Drug and Cosmetic Act, as amended and applicable FDA regulations (21 CFR 177.2420). The tanks are post treated to remove all residual styrene from the laminate surface. FRP process tanks are used for many applications including confectionery, poultry, wine, milk, cheese and more.

The tanks can be manufactured to many specifications and configurations including vessels for pressure and vacuum applications, horizontal tanks, elevated tanks and insulated tanks.

DIMENSIONS AVAILABLE

Chemstore tanks are manufactured using standard diameters which range from 600mm diameter to 5000mm diameter. Our standard diameters are:

- 600, 900, 1000, 1200, 1500, 1730, 1850, 2000, 2500, 3000, 3500, 4000, 4500, 5000.

Please contact our office or send an enquiry if you require our dimensional chart.

ACCESSORIES

As part of our service, we supply a large range of accessories for our FRP tanks. Accessories include, but are not limited to:

- Agitators
- Baffles
- Sloping floors
- Handrails (FRP or Metal)
- Ladders (FRP or Metal)
- Float type level indicator devices
- Ultrasonic level indicator devices
- Site glass
- Pipe support lugs
- Leak detection systems (for double skinned tanks)
- Any other process equipment

APPLICATIONS

Fibreglass reinforced chemical storage tanks supplied by Chemstore International Group are used in a variety of different industries such as the water treatment industry, sewerage treatment industry, chemical manufacturing industry, pharmaceutical industry, fertilizer industry, food process industry, mining industry and the industrial waste industry. With these industries come the most corrosive and harsh conditions, and Chemstore tanks have proved to outlast their design life on many occasions over the past 35 years.

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