



Fusion

Fabricated Chemical Storage Tanks

- + Design flexibility
- + Uniform wall integrity
- + Optimal material selection
- + Easy repairs & maintenance
- + Rated to Australian wind and seismic conditions
- + Easy installation
- + Long life span

25 Year
Service Life

Innovative products for chemical conveyance and storage

1300 94 1004

fusionaus.com

Built to

DVS
2205

BS/EN
12573

AS3780
2023

Australian and International
Standards for Chemical Storage



1L to 80kL Chemical Storage

Design Flexibility

Custom-built tanks range from 300L to 80,000L, with options for customised shapes, diameters and nozzle configurations; tailored to site and process requirements.



Process Tanks **Sloped Base Tanks** **Insulated Tanks** **Rectangular Tanks** **Dual Skin / Self Bunded Tanks**
Mixing Tanks **Bunds** **Conical Tanks** **Customisable Access** **Roof / Side Manholes** **Sight Glasses**
Platforms (to As1657) **Baffles** **Rated Lifting Lugs** **Seismic Hold Downs** **Vents to Suit** **& More...**

Built to International Standards

Every tank is engineered and manufactured to AS3780:2023, DVS 2205 and BS/EN 12573, globally recognised standards for thermoplastic design. These account for stresses, safety factors, welding quality and environmental conditions; ensuring durable, compliant and safe storage solutions for corrosive chemicals and process mediums.

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25 Year Service Life

FOR COMPATIBLE CHEMICALS

Extended Service Life

Fusion fabricated tanks are engineered to a 25-year design life with minimal maintenance; far exceeding the 7-year service life limit of >5m³ PE rotomoulded tanks under AS3780:2023. This longevity delivers superior return on investment.

Uniform Wall Integrity

Compared to other plastic tank manufacturing methods, Fusion Tanks are manufactured from thermoplastic sheet (± 0.1 mm tolerance) using techniques similar to stainless steel fabrication, ensuring uniform wall thickness and strength, providing reliable long-term performance.

Best Material for Every Application

Available in HDPE, PP, PVC and PVDF, with combinations tailored to resist specific chemicals and operating temperatures.

Uniform Molecular Material Weights

The tank body, welds and fittings are fabricated from the same material, eliminating thermal expansion mismatch, improving chemical resistance, and simplifying long-term maintenance.

Quality, Documentation & Support

From initial engineering and hydro-testing through to installation and commissioning, Fusion can provide full documentation and support. We ensure your tank meets all compliance requirements for reliable, long-term performance.

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Fusion Plastics and Fusion Piping
Pty Ltd are certified to ISO:
9001:2015 (Quality)
45001:2018 (Environment)
14001:2015 (Health & Safety)