

# Composite Vessels



## Product Features

- For commercial and industrial water treatment and storage
- 100% composite fiberglass construction
- Outstanding performance and durability in harsh chemical environments
- Absolutely will not - and cannot - rust
- Requires little or no maintenance
- Capacities up to 2500 gallons
- Factory-backed five-year warranty

## Materials of Construction

- Polyethylene inner shell (PVDF available)

## Operating Parameters

- Maximum operating pressure: 150 psi
- Maximum operating temperature: 150°F (flanged) 120°F (threaded)

## Pentair Design Parameters

- Safety factor: 4:1
- Minimum burst at 600 psi
- Tested to 250,000 cycles without leakage

## NSF Design Parameters

- Safety factor: 4:1
- Minimum burst at 600 psi
- Tested to 100,000 cycles without leakage

## ASME Design Parameters

### Top/bottom flange:

- Safety factor: 5:1
- Minimum burst at 750 psi
- Tested to 33,000 cycles without leakage

### Side flange:

- Safety factor: 6:1
- Minimum burst at 900 psi
- Tested to 100,000 cycles without leakage

