FRP Pipes and Fittings
TONY FIBREGLASS ENGINEERING PRIVATE LIMITED
SINGAPORE
Introduction

• All Our FRP Pipe and Fittings are made in Malaysia by our joint venture company who has more than 30 years of experience in supplying FRP Pipe and Fittings to corrosion resistant industries worldwide.

• A special manufacturing system that is a union of handicraft and technical processes that are implemented to make every piece of pipe and fittings conform to industry standards.

• You will be atonished to see all our products are both structurally and aesthetically sound.
FRP Flanges, Manholes, Covers & U-Vent

- FRP Blind Flanges
- FRP Flanges
- FRP Manhole
- FRP Cover
- FRP U-Vent

- Manufactured to conform to PS 15-69 & ASTM D5421
- Nexus & C-Veil + 2mat to build up 100 mil resin rich Corrosion Liner
- Hand Laid, Integral type construction, woven roving used continuously from flange face to hub from 3inch and larger.
- Uniform external surface and stub outside diameter with stub end surface prepared for immediate bonding
- Bolt holes of drilled flanges are spot faced and coated with resin.
FRP Elbow, Coupling, Hand-Laid Pipes and Filament Wound Pipes

- **FRP Elbows**
- **FRP HandLaid Pipes**
  - Manufactured to conform to PS 15-69
  - Nexus and C-veil + 2 mat resin rich liner
  - Handlaid one piece construction
- **FRP Coupling**
- **FRP Filament Wound Pipes**
  - Threads are Filament Wound
  - Nexus and C-veil resin rich liner is built after threads for maximum corrosion
  - Machined finished without top coat
Frequently Asked Questions

• How Durable is Fibreglass Anyways?
Fibreglass has proven itself time after time again to last longer than stainless steel. In addition to it’s durability, fibreglass doesn’t rust. That’s right! No RUST! This makes fibreglass maintenance simple. Dollar for Dollar, FRP is stronger than Steel.

• Ok, so fibreglass is durable. But is it expensive?
Fibreglass is generally more expensive than carbon steel, but it is less expensive than stainless steel or other alloys that are traditionally used in the industrial and commercial markets.

• In which kind of industries can fibreglass be used for?
Fibreglass can be used in almost any industrys for almost any need. From Bio-Diesel to Ethanol Plants to the paper industry. Food Grade Resin are used for fabrication in food industry.
Frequently Asked Questions

• How is fibreglass measured?
All Fibreglass is measured by the Inner Diameter

• Can impact wrenches be used on tightening flanges
No. All Fibreglass Flanges have recommended torque ratings.

• How do I know what resin system or corrosion barrier to order?
Simply give us a call with your design specifications and our sales department can assist you in recommending the right choice.
Resin & Standards

- The standard Vinyl Ester resin available for fabrication are as follows
  - Derakane 411-350 and 470
  - Swancor 901
  - Polymal P310P

- ANSI Standards
- JIS 10K Standards
- Fabrication to other standards also possible.
- Pressure Rating 150PSI Rated
- We can fabricate up to 96 inches nominal size for ANSI Flanges.

We can fabricate other fittings such as reducer, bell mouth, socket are available upon request.
Contact Us

• Email Contact
  ➢ alvin@tonyfibreglass.com
  ➢ Mobile Contact: +65 9184 5178

• Telephone Contact
  ➢ +65 6862 6278

• Fax Contact
  ➢ +65 6862 6278