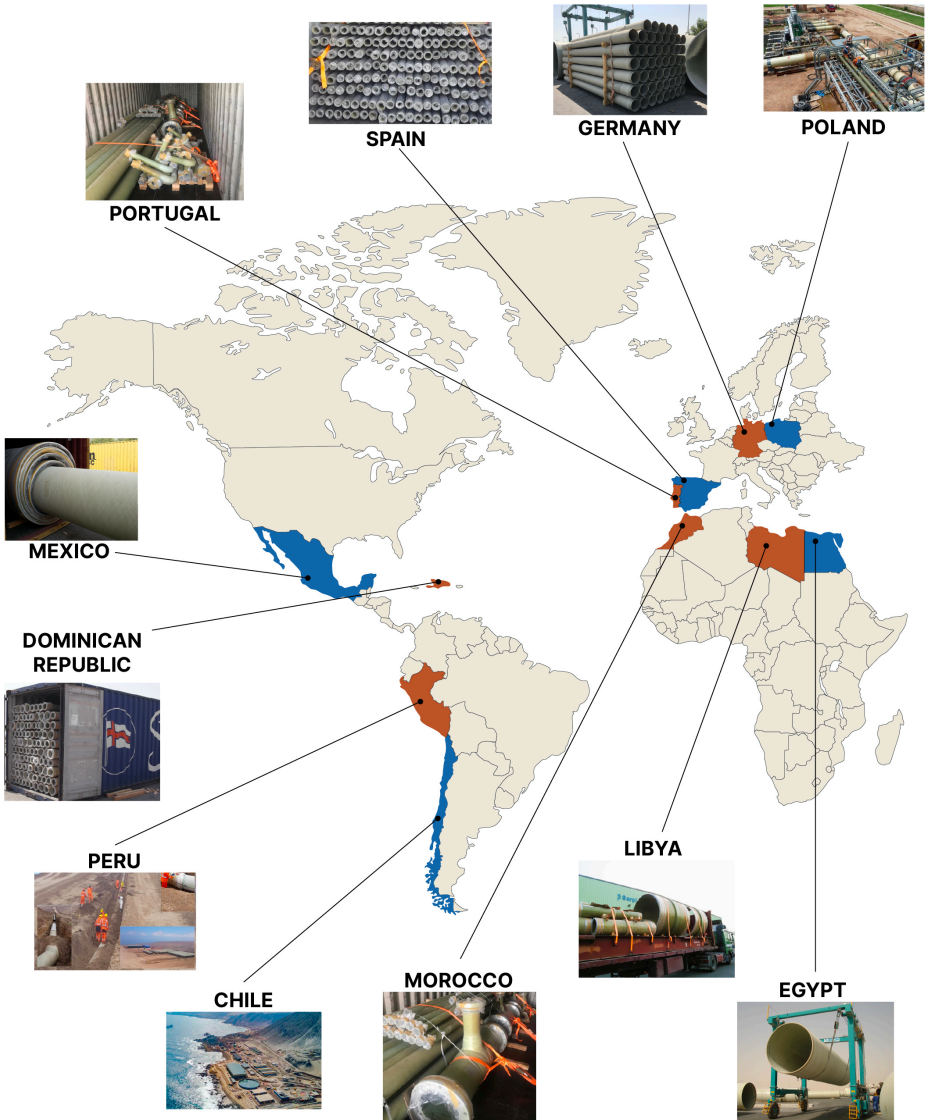




GRP-GRE MANUFACTURING FACILITY

Amiantit qatar is supplying fiberglass products to oil & gas industry, power plants, water treatment plants and other industries all over the world through major EPC contractors to approx. 33 countries





The Amiantit Group is an internationally operating organization with a proven record of growth and success. Its mission is to deliver pipe solutions worldwide for water, sewage, oil and gas, industrial applications, and water management systems using high-quality materials and advanced technologies. With a strong history of long-term profitability and a competitive position in the piping industry, Amiantit attributes its success to the expertise and dedication of its people, and it confidently pursues a vision of global leadership.

Amiantit Qatar Pipes Co. (AQAP) manufactures advanced fiberglass piping systems, including GRP, GRE, GRV, and Dual Laminated pipes, along with thermoplastic-lined pressure vessels, tanks, and fittings. Serving oil and gas, desalination, sewerage, chemicals, and power generation industries, AQAP products meet global standards with sizes up to 4000 mm, pressures up to 32 bar, and stiffness up to 10,000 Pa.

AQAP also provides trenchless pipe rehabilitation using Cured-In-Place Pipe (CIPP) technology. This method enables structural repair of underground pipelines—metallic or non-metallic—with minimal excavation and downtime, making it ideal for critical infrastructure projects across industries.

Fibertie, a subsidiary of AQAP, uses Dual Helical Winding Technology to produce GRP, GRE, and GRV pipes from 15 mm to 3000 mm, with pressure ratings up to 50 bar and stiffness classes of 2,500 to 10,000+ Pa. AQAP is a qualified and preferred supplier to major clients across Qatar including QatarEnergy, Ashghal, Qatar Diar, QAFCO, QAPCO, Q-Chem, and Qatar Civil Defense.

Low Pressure Piping

TECHNOLOGIES YIELD HIGHER PERFORMANCE AT LOWER COST

Light weight, corrosion-resistant, and manufactured under strict quality standards, AQAP pipe is available in oversize pressure classes and three stiffness classes. Products diameters ranges from 80 mm to 4000 mm and lengths up to 18 meters. Growing awareness of the optional cost savings and superior corrosion resistance offered by glass-reinforced plastics pipe by AQAP operation has resulted in it's widespread application. Some common uses include:

AQAP pipe option offers the most cost-efficient solution for piping projects. It also provides a long, effective service life with low operation and maintenance costs.



PIPES BASED ON RESIN					
PROPERTIES	FRP/GRP/RTRP POLYESTER PIPING	FRP/GRP/GRV/RTRP VINYLESTER PIPING		GRE EPOXY PIPING	
Resin	GRP	GRV 1	GRV 2	GRE 1	GRE 2
Range of Diameter	Isophthalic, Orthophthalic	Vinylester Bisphenol A or Equivalent	Vinylester Novolac or Equivalent	Epoxy, IPD cured	Epoxy with (IPD, Ethacure 100) hardener
Design Temperature	82 °C	103 °C	140 °C	120 °C	140 °C
Operating Temperature	-25 to 52 °C	-30 to 73 °C	-30 to 110 °C	-35 to 85 °C	-35 to 110 °C
Pressure *	Gravity to 32 Bar/ Full Vacuum	Gravity to 40 Bar/Full Vacuum	Gravity to 40 Bar/Full Vacuum	Gravity to 50 Bar/ Full Vacuum	Gravity to 50 Bar/Full Vacuum
Medium of Transport	Potable Water, Other Water, Sewer and Low corrosive	Other Water, Sewer and high corrosive/ acidic	Other Water, Sewer and Severe corrosive/ acidic	Potable Water, other Water, Corrosive heavy chemicals	Other Water, Severe corrosive heavy chemicals
*Pressure class varies according to Pipe diameter					

Our Pipes and Fittings can be used for all types of fluids

- Water Distribution System.
- Fire Fighting Networks.
- Sea Water Intake & Outfall Piping.
- Re-lining, Slip-Lining Applications.
- Industrial Waste Applications.
- Slurry Transportation Piping.
- Water Distribution Systems.
- Pipe Jacking & Tunnelling Applications.
- Storm Water Drainage.
- Irrigation.
- Distillate Water Piping.
- Rehabilitation Application.
- Desalination Plants.
- Pressure / Forced Mains Sewer.
- Chemical Plants.
- Suitable usage for more than 400.
- Drinking Potable Water.
- Hydro-electric Plants.
- Sewage Drainage.
- Water Transmission Lines.
- Water & Sewage Treatment Plants.
- Above Ground Piping.
- Sub-Aqueous Piping.
- Special Application & Many Other.



Dual Laminate Pipes & Fittings

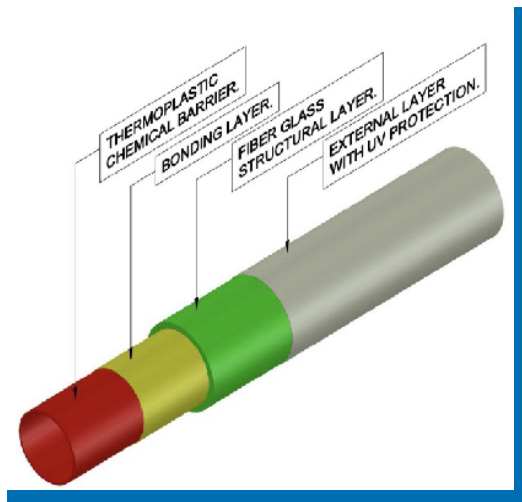
Advanced Chemical Resistance with Mechanical Strength Resistance with Mechanical Strength

Amiantit Qatar's **DualTie Technology** delivers high-performance piping systems by combining the structural integrity of **fiber-reinforced plastics (FRP)** with the **chemical resistance of thermoplastic liners**. Materials such as UPVC, CPVC, PP, PE, PVDF, and ECTFE are bonded to robust FRP structures, providing durable and long-lasting solutions for the most aggressive service environments.

These composite systems offer a superior alternative to traditional metal piping—**lightweight, corrosion-resistant, cost-effective**, and with significantly reduced maintenance needs. Our connection systems include welded/laminated joints and standardized flange connections to ensure **leak-free, high-integrity installations**.

Product Range:

- **Nominal Diameter:** DN 25 to DN 1000 mm
- **Pressure Rating:** Up to PN 16 (Higher on request)
- **Standards Compliance:** DIN 16965/16966, ISO 14692, ASME B16.5



VERSATILE APPLICATIONS ACROSS CRITICAL INDUSTRIES

Amiantit's Dual Laminate piping systems are engineered for resilience in corrosive and high-demand operating conditions, making them a preferred choice in a wide range of industrial sectors:

- **Chemical Processing:** Ideal for transporting acids, solvents, and corrosive fluids in harsh chemical environments.
- **Power Generation:** Applied in cooling water systems, FGD processes, and chemical transfer in thermal and nuclear plants.
- **Water & Wastewater Treatment:** Corrosion-free handling of brine, effluent, and treated water in desalination and treatment plants.
- **Oil & Gas:** Proven performance in offshore and onshore applications—process lines, injection systems, and produced water handling.
- **Marine & Shipbuilding:** Lightweight, non-corrosive solutions for seawater systems, scrubbers, and ballast lines.
- **Mining & Metallurgy:** Robust piping for abrasive slurries, acidic leachates, and chemical processing streams.
- **Food & Beverage:** Ensures hygienic and inert fluid handling in food-grade environments with non-reactive liners.

Why Choose Amiantit Dual Laminate Systems?

- Exceptional chemical resistance
- Long service life with low maintenance
- Customizable for pressure and temperature extremes
- Compliant with global standards

FRP Pressure Vessels Storage Tanks (1-2000 m³)

GRP vessels are fabricated in shops by filament winding, jetting molding, contact molding with fiberglass and its products as the reinforcing materials and resin as the base material.

Model and Specifications

- Diameter \leq 4m; capacity \leq 150m³;
- Can be designed and customized according to customers' requirements.

Product Characteristics

- High corrosion resistance, long service life;
- Light weight, convenient installation, low total costs;
- Smooth inner wall, not easy to wax and scale, saving maintenance costs;
- Never rusting, causing no secondary pollution to the medium;
- Anti-fouling and moth resistance, good wear resistance and strong designability;
- Easy to form, convenient to maintain.



Onsite Large GRP Storage Tanks

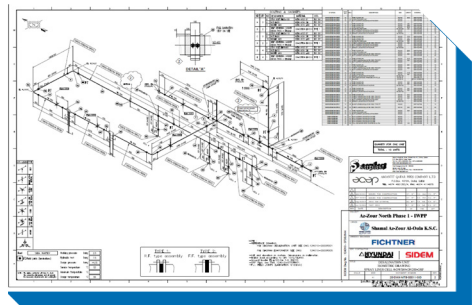
GRP vessels are fabricated on site by filament winding, jetting molding, contact molding, etc. using fiberglass and its products as the reinforcing materials and resin as the base material.

Model and Specifications

- Diameter $\geq 4\text{m}$; capacity $\geq 100\text{m}^3$;
- Can be designed and customized according to customers' requirements.

Product Characteristics

- High corrosion resistance, long service life;
- Light weight, convenient installation, low total costs;
- Smooth inner wall, not easy to wax and scale, saving maintenance costs;
- Never rusting, causing no secondary pollution to the medium;
- Anti-fouling and moth resistance, good wear resistance and strong designability;
- No need to transport, easy to install



Project Overview:

- **Project Name:** North Field Expansion Project (NFXP), Qatar
- **Owner:** QatarEnergy LNG
- **Objective:** Enhance LNG production capabilities
- **Key Feature:** Deployment of advanced helipad firefighting systems on offshore platforms.

Scope of Supply - FibreTie:

- **Product Supplied:** Glass Reinforced Epoxy (GRE) pressure vessels
- **Manufacturing Location:** Qatar
- **Compliance:** Built to international industrial standards
- **Supply Chain Route:**
 - Shipped to the **USA** for assembly and testing by firefighting system manufacturer for compliance to ASME.
 - Integrated into platforms at a **fabrication yard in Indonesia**
 - Final deployment of platforms back in **Qatar**

Advantages of GRE Pressure Vessels:

- **Corrosion Resistance:** Superior to metallic alternatives; ideal for offshore conditions
- **Lightweight:** Eases installation and reduces load on structures
- **Durability:** Long service life with minimal degradation
- **Maintenance:** Reduced frequency and cost of maintenance
- **Cost Efficiency:** Lower lifecycle cost due to reduced replacement and upkeep needs





Amiantit Qatar Pipes Co. Ltd

P.O. Box 40194
Street 24, Building 36, Zone 81,
New Industrial Area
Doha – State of Qatar
Telephone: 00974 4494 1800
Fax: 00974 4490 1352
Email: info@aqap.com.qa

**FIBERTIE PIPE FACTORY AND
ACCESSORIES W.L.L**

PO BOX: 40519, NEW INDUSTRIAL
BUILDING 48, STREET 2 - ZONE 81
DOHA - QATAR
PHONE: +974 44901800
FAX: +974 44902661
Email: info@fibertie.com
Website: www.fibertie.com

