



Fiberstrong is a large-bore glass-reinforced plastic (GRP) pipe system designed for pressure applications.

Pipes and fittings deliver strength, flexibility, and corrosion resistance, making them well suited to pressure water and sewer networks. The engineered laminar wall structure can be tailored to performance requirements - using higher glass fibre content for increased pressure capacity or incorporating sand and chopped fibres in the core to enhance stiffness.

Applications

Fiberstrong pressure pipes and fittings are manufactured, designed and installed in accordance with Australian and International standards. They are suitable for a wide range of pressure pipeline applications, including:

- Water transmission and trunk mains
- Rising sewer mains
- Potable water supply systems
- Recycled and reclaimed water pipelines
- Desalinated water conveyance
- Industrial water and process pipelines
- Pump stations and pressure conduits
- Cross-country and long-distance pipelines

Product Range

Pipes are supplied in standard effective lengths of 5.75 m or 11.6 m with an assembled coupling (RRJ). Other lengths are available on request.

DN	PN (Bar)	SN (N/m/m)
300 - 1800	6 to 32	10000
300 - 2000	6 to 25	5000 to 10000
300 - 2500	6 to 20	5000 to 10000
300 - 2800	6 to 16	5000 to 10000
300 - 4000	6 to 10	5000 to 10000

PN35 is available on request and is size dependant. Contact Iplex for further information.

Features and Benefits

Manufactured with corrosion resistant composite materials	<p>Providing years of corrosion free service</p> <p>Long service life</p> <p>No need for expensive cathodic protection</p> <p>No need for costly pipe coatings, linings, or polyethylene wrapping</p> <p>Reduced maintenance costs</p>
High quality RRJ Couplings	<p>Ease of jointing helps reduce installation time</p> <p>Tight, efficient joints designed to eliminate infiltration and exfiltration</p> <p>Allows for flexible alignment, accommodating changes in line direction with fewer fittings</p>
Manufactured in long lengths, up to 11.6m effective lengths	Fewer joints improves installation time
Smooth internal bore	<p>Large internal bore with a smooth liner reduces friction and allows greater flow capacity and lower pumping energy</p>
Manufactured to Australian and International Standards	<p>Compliance allows Water Authorities and Engineers to specify and use Fiberstrong pipes and fittings with confidence</p>
Advanced manufacturing technology	Ensures consistent, high-quality pipes and fittings

Ready to learn more?

Scan code or visit our website to learn about GRP's technical specifications or talk to our team

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