

Pipe System
SOLUTIONS

NEW ZEALAND

Corrosion
Environmental
Engineers and
Fabricators

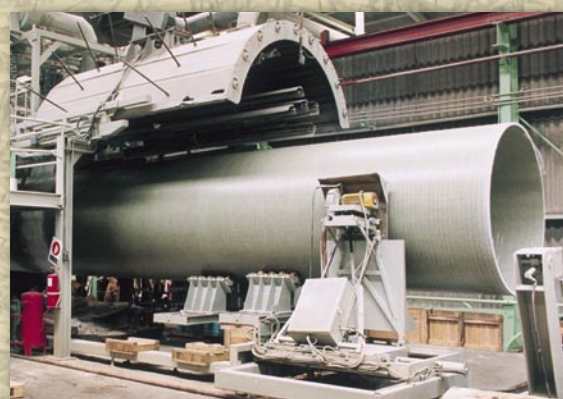


In addition to the range of industrial fibreglass products manufactured by Maskell, we are now the New Zealand and South Pacific agent for Flowtite Pipe Systems.

Flowtite Fibreglass Pipe offers a globally proven option for non-corroding pipe applications, including potable water, sewer, seawater and a range of industrial services.

Flowtite Pipe has been in service around the world since 1968, the same year Maskell began manufacture of fibreglass pipe and tanks in New Zealand.

Produced by an advanced filament winding process, Flowtite pipe provides optimum design properties for buried and above ground applications. A full range of swept bends, flanges, wyes and tees are available for the most complex piping systems.



Quality Certificate to ISO 9001



Quality
Endorsed
Company

ISO 9001
Lic. No. QEC 8841
Standard Australia

Advantages of Flowtite Fibreglass Pipe

Flowtite pipe is competitive and ideally suited to pressure and sewer applications where longevity and corrosion resistance are key. Advantages of Flowtite Fibreglass Pipe include:

- longevity and corrosion resistance
- smooth bore for reduced pumping and operating costs
- suitable for buried and above ground service
- lightweight and nestable for reduced transport and installation costs
- long lengths including 6m, 12m and 18m for reduced jointing
- jointing using laminated joints, axial restrained lock joints or couplings
- no linings or external coatings required, low maintenance

Design Codes

Flowtite Pipe Systems are designed to all major global water and process plant codes including AWWA C950, manual M45, ASTM codes D3262, D3517, D3574 for gravity and pressure water / sewer systems, ISO and EN standards.

Jointing

Flowtite Pipe can be jointed by a range of methods to suit the installation / pipeline requirements including

- REKA precision FRP couplings with EPDM multiple lip seal rings
- Laminated fibreglass joints for axial restraint
- Mechanical steel couplings including Viking Johnson, Dresser
- Flexible steel couplings including Brico, Straub, Teekay
- Key lock FRP couplings for axial restraint
- Full face and Vanstone flanges for connection to valves and fittings.

Chemical Resistance

Flowtite pipe is available for a full range of water, wastewater and chemical applications, using isophthalic and vinyl ester resins as required.

Water and wastewater piping is suitable for pH 4-10 as standard, and long term strain corrosion testing is conducted with 5% w/w sulphuric acid, to verify 50 year design performance properties.

Flowtite Products

Flowtite pipe is available in a full range of diameters, pressure and stiffness classes as

Diameters

DN100	DN150	DN200	DN250	DN300	DN350
DN400	DN450	DN500	DN600	DN700	DN800
DN900	DN1000	DN1200	DN1400	DN1500	DN1600
DN1800	DN2000	DN2200	DN2400	DN2500	DN2600
DN2800	DN3000	DN3200	DN3400	DN3500	DN3600
DN3800	DN4000				

Pressure Classes

PN1	PN6	PN12	PN16	PN20	PN25	PN32
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Stiffness Classes

SN2500	SN5000	SN10000
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Other Maskell Products

Maskell Productions continue to manufacture our full range of industrial fibreglass products, from factories in Auckland and Melbourne, for supply around the Australian region, including:

- Above ground storage tanks to 250 kL
- Underground storage tanks for water, wastewater, fuel
- Air pollution scrubber systems
- Fibreglass fans and ducting systems
- Manholes, wetwells and pump stations
- Fibreglass grating and accessories

Technical and Engineering Support

Maskell continue to provide full technical and engineering support for our products, which is backed by links to overseas expertise, to provide the best solutions to corrosion resistant applications.

www.maskell.co.nz

www.flowtite.com

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