



SuperFlo ABS

Chilled and cold water pipework

SuperFlo ABS combines corrosion resistance, toughness and economic benefits to provide tremendous advantages for low temperature fluid transportation. This fully matched, solvent welded system includes pipes, fittings and valves for chilled and cold water services and other environmental control systems.

SuperFlo ABS has a smooth bore which greatly reduces the buildup of biofilms which can create potential for harmful bacteria such as legionella and is completely corrosion resistant meaning lower maintenance costs and optimum pump efficiencies.

The system operates within a wide range of temperatures and remains extremely from -40 to 60+ degrees celcius.

The jointing method is fast and simple, and being extremely lightweight SuperFlo ABS is much easier to handle than traditional materials, making installation quicker, cheaper and safer.

Unrivalled Third Party Standards and Approvals

SuperFLO ABS is manufactured to the highest level and meets with the requirements of many international standards and approvals.

SuperFLO ABS has a 50 year design life with a residual safety factor of 2:1. (For full details refer to 'Design Life' section on page 74).

This unrivalled level of third party approvals offers total assurance to the designer, installer and end user that SuperFLO ABS is a consistent and reliable pipework system.

Approved for use within public water supplies and by the Secretary of State. Durapipe ABS is listed in the "List of Approved Products" published by the DWL.



Certificate No. FM 34819

*Applies to Durapipe pipes and fittings - inch series only



SuperFlo ABS



Tough and Durable

The Butadiene element of SuperFLO ABS affords exceptional resistance to accidental damage, even at sub-zero temperatures. SuperFLO ABS is therefore extremely ductile and performs at temperatures as low as minus 40°C.

Corrosion and Limescale Resistant

Both limescale and corrosion can become a problematic feature of any metal-based pipework system. However, the smooth bore lining of SuperFLO ABS pipework prohibits any limescale buildup throughout the life of the system, maintaining consistent flow rates. Furthermore, SuperFLO ABS is extremely corrosion resistant even with a range of moderate chemicals which can mean less maintenance costs and no costly system replacement.

Lightweight

Durapipe SuperFLO ABS is approximately one-sixth of the weight of steel pipework. Therefore, Durapipe SuperFLO ABS is much easier to handle, especially during installation on-site.

Wide Temperature Range

A major advantage of SuperFLO ABS over other plastic pipework systems is its ability to perform over a wide temperature range from -40°C to +60°C. (Note: usual precautions must be taken to prevent contents freezing).

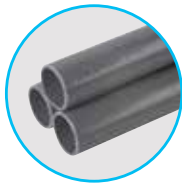
Fast, Simple and High Integrity Jointing

Solvent welding is a simple process which produces a permanent joint of strength equal to, or exceeding, the pipe itself.

- No electricity required
- No flame or combustible gas bottles required on-site
- No site downtime due to electricity shut down
- No hot works permits or need for site segregation
- Permanent, secure jointing
- No special tools needed
- Easy transition to other systems
- Reduced installation time
- Reduced installation costs
- Light and easy to handle

Sectors & Applications

- Schools
- Healthcare
- Data Centres
- Public Buildings/Accommodation
- Refrigeration
- Mining



SuperFlo ABS Pipes

SuperFlo ABS pipes are manufactured in the UK against ISO9001 quality management system. Their smooth bore allows optimum pump efficiencies.

- Up to 15bar (Class E) pressure rating on imperial pipes
- Up to 10 bar pressure rating on metric pipes
- Globally recognized approvals including WRAS, DNV & Bureau Veritas
- Sizes 3/8" to 8" (imperial)
- Sizes 16mm to 315mm (metric)



SuperFlo ABS Fittings

A broad range of SuperFlo ABS fittings cater for the most demanding requirements of cold water system design. These premium fittings are fully matched and produced to the same exacting standards as our pipe, and include a full range of options to connect to other systems.

- Comprehensive and versatile range
- Lightweight with a simple solvent-weld jointing method
- Completely corrosion resistant
- No requirement for hot-works at installation
- Globally recognized approvals including WRAS, DNV & Bureau Veritas



SuperFlo ABS Valves

The SuperFlo ABS systems comes complete with ball, diaphragm, butterfly and other valves, as well as a wide range of actuation and component options available to create a customized solution to cater for any specific project requirements.

- ABS material eliminates the potential for damage caused by corrosion
- Lockable handles
- Multiple actuation options
- A range of seal options
- Actuation available, both electric and pneumatic valves. Full flow control offering.

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