



Pipes have long been the weak point in buildings; in apartments or hotels, in private housing or industrial complexes. Metal pipes have the problem of corrosion and scale build-up, Plastic pipes on the other hand, do degrade rapidly when exposed to the effects of high pressure or temperature. They are also permeable to gases such as oxygen or ozone which will accelerate the corrosion of metallic components of the system such as boilers or radiators. Metal and plastic pipes each have their distinct advantages and disadvantages and none are really ideal. Well,

Here is the solution:

SUPERPIPE

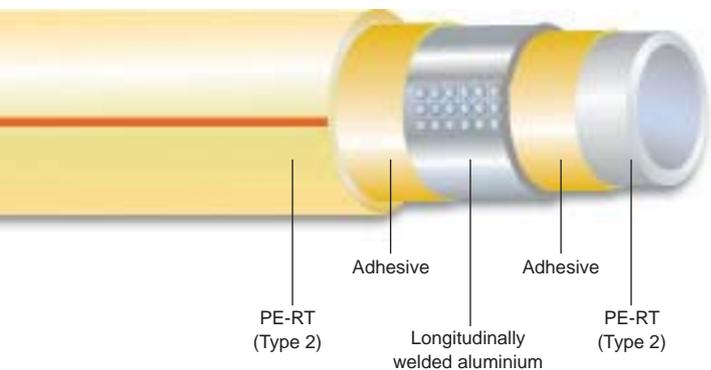
The **New**
Generation
of Pipes



The old problem has been solved by modern technology. SuperPipe: the perfect composition of metal and plastic to combine the advantages of both metal and plastic pipes without their disadvantages.

This revolutionary multilayer composite pipe consists of an interior aluminum pipe (longitudinally ultrasonic welded) with inner and outer layers of plastic, tightly bonded to the aluminum by means of a special adhesive. The result is the strength of metal with longevity of plastic.

Form now, for the question whether to use metal or plastic pipes, the answer would be: SuperPipe.



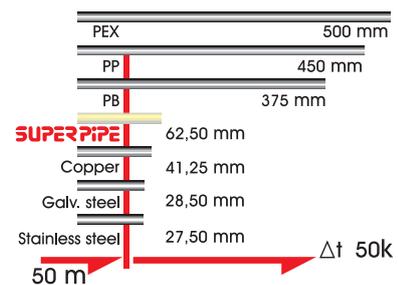
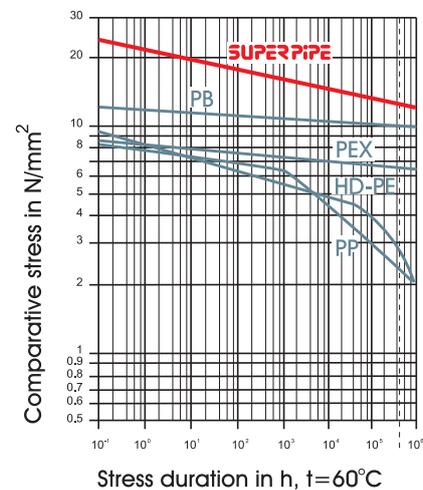
A reliable pipe

SuperPipe is the unification of the positive material properties of both plastic and metal. With intelligently integrated metal and plastic layers, SuperPipe overcomes many of the problems associated with conventional pipes and can achieve a performance above all traditional plumbing systems. The life span of over 50 years in maximum 95°C with a 10 bar pressure rate ensures a virtually maintenance free installation for years to come.

The special polyethylene outer layer is resistant to corrosion and incrustation. The inner layer prevents furring and scale build-up while delivering low friction resistance for highly efficient flow rates. Unlike plastic pipes, SuperPipe has a small heat expansion similar to copper, thanks to its aluminum layer. The layer of aluminum means that the pipe is also totally impermeable and oxygen ingress is eliminated.

Because of the temperature retention properties, the outside temperature of SuperPipe is much lower than metal pipes and the "return" temperature is closer to the "flow". While this is a cost saving feature because less energy will be used by the boiler, it also means that SuperPipe will have lower surface temperature and is safer to touch.

For your added convenience SuperPipe is silent and virtually eliminates the noises in heating systems which is usually a problem of poor design.



SuperPipe multilayer composite pipe has a length expansion close to metal pipes because of its tight connection between the polyethylene and the aluminium layer.



● ● ● Easy to handle and install

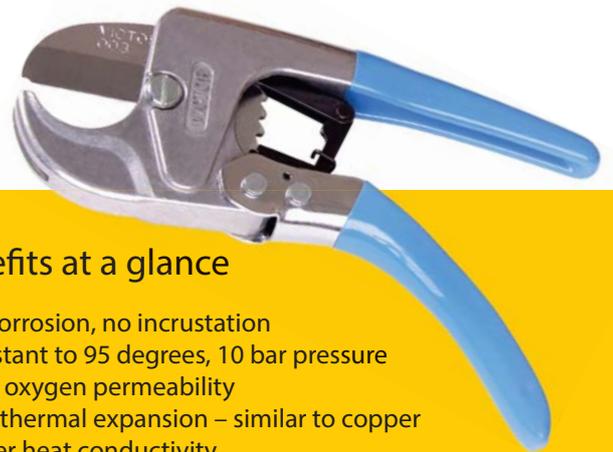
Fast, Easy, Safe and Clean. SuperPipe not only opens up new horizons in performance, but also sets new standards in installation techniques.

SuperPipe comes in coils, resulting in economical storage. It is also light to carry: a 200 meter coil of SuperPipe weighs only 20kgs.

Only a few tools are required for installation of SuperPipe. There is no need for welding, brazing or threading. No chemicals or compounds are used, and lack of fluxes, solders and lubricants means cleaner installations.

Installation is made even easier because in spite of its mechanical strength, SuperPipe can be easily bent by hand and will retain the desired shape with no spring back effect. With SuperPipe you will get flexibility, formstability, and the ability to have long runs straight from the coil. This means up to 40% less fittings and an installation time saving of over 80 to 40% compared with traditional methods. To these, should be added the elimination of pipe waste and there would be a neat and professional installation with overall reduction of costs.

Compared to tap water installation or radiator connection with copper or rigid plastic pipes like PP and PVC, SuperPipe multilayer composite pipe offers a whole bundle of advantages.



Benefits at a glance

- No corrosion, no incrustation
- Resistant to 95 degrees, 10 bar pressure
- Zero oxygen permeability
- Low thermal expansion – similar to copper
- Lower heat conductivity
- Lower pressure loss
- Low weight – easy to handle
- Easy and fast installation
- Food safe material
- Near zero waste
- Color code for easy identification *
- Installation errors virtually eliminated:
- RTS – Reliable Test Safety – technology *

* SuperPipe 2+ only. Not available in all markets



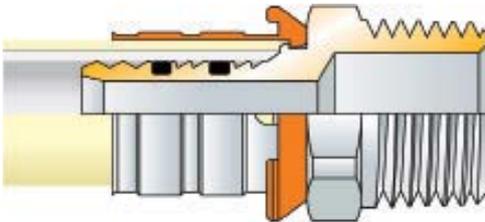
Reliable fittings for the reliable pipe

SuperPipe offers a comprehensive range of fittings with the same quality standards. All fittings are made of heat-treated, stress-free brass. Fittings are tin-plated and are resistant to wear, tear and scale build-up. SuperPipe compression fittings program offers a flexible system with fewer parts. Press fittings on the other hand, can be installed faster, easier, and are cheaper. No matter which type you use, all the fittings are designed to perfectly fit the pipe for a permanent tight connection for a lifetime even in concealed installations.

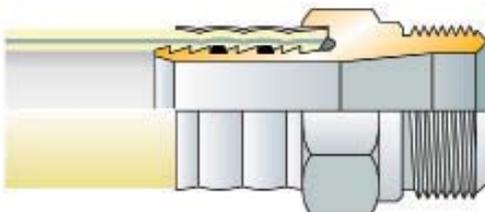


Press fittings:

SuperPipe 2+ press fitting with RTS technology, colour code, profile aluminium sleeve and plastic stop ring. Tin plated.

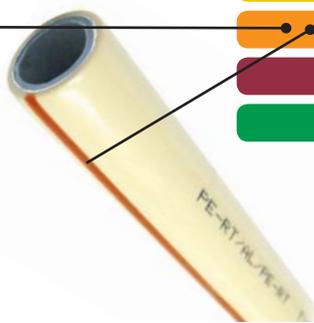


SuperPipe press fitting with stainless steel pressure sleeve



Cut, insert, press. It is a matter of seconds. SuperPipe press fittings are not only fast, but also come with a range of smart features which virtually eliminate human errors during installation.

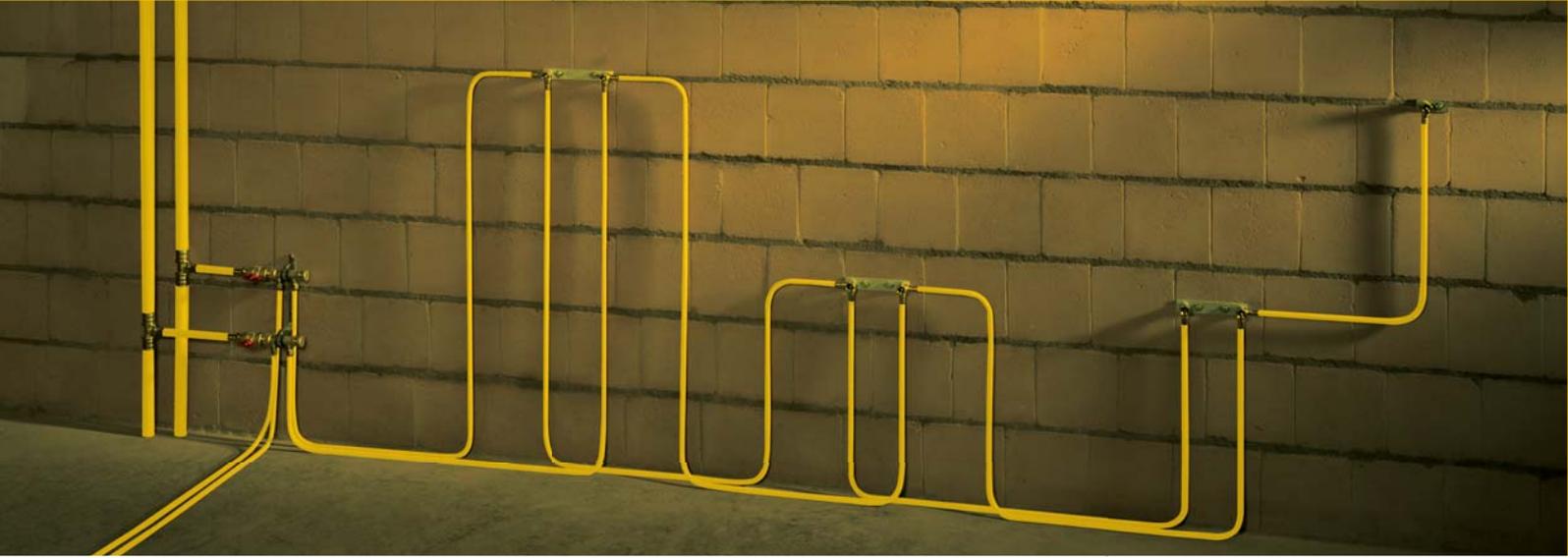
- RTS (reliable test safety) technology
- Integrated window to check correct insertion of the pipe into the fitting.
- Color code for easy recognition of sizes onsite or in warehouse.
- Press indicator ring
- Special jaw guide grooves as well as a stop ring ensures correct placement of the press jaw.



- 16
- 20
- 25
- 32



* SuperPipe 2+ fittings are not available in all markets



A dependable plumbing system

We offer complete solutions. Our systems are designed to meet the highest requirements in safety, comfort and ease of installation. Our strict quality control system complements our know-how and with the latest technology we use, you can be assured that our first class product is your most reliable and dependable choice.

SuperPipe is hygienic and totally safe for potable water systems and foodstuffs. It is also a perfect choice for heating systems, radiator connection, air conditioning and underfloor heating/cooling systems. But it does not end here. Due to its structure and properties, SuperPipe is universally applicable for industries and hospitals as well. SuperPipe is gas tight, highly resistant to chemicals and performs well at subzero temperatures, making it ideally suitable for industries such as the shipbuilding or aerospace. In fact almost anywhere where durability, light weight and resistance to vibration are a vital requirement. Compressed air supply lines are, for example, one of the primary applications of SuperPipe in industries. Also, because the water, fluid or gases passing through it are not contaminated by metal of the pipe, its use in hospitals, laboratories and controlled environments is greatly enhanced.

Whether for a villa, a hotel or a skyscraper, SuperPipe reduces total cost of ownership through virtually elimination of maintenance costs.

We deliver complete systems that work reliably. SuperPipe is a universal piping system to make it the intelligent choice for YOUR application.



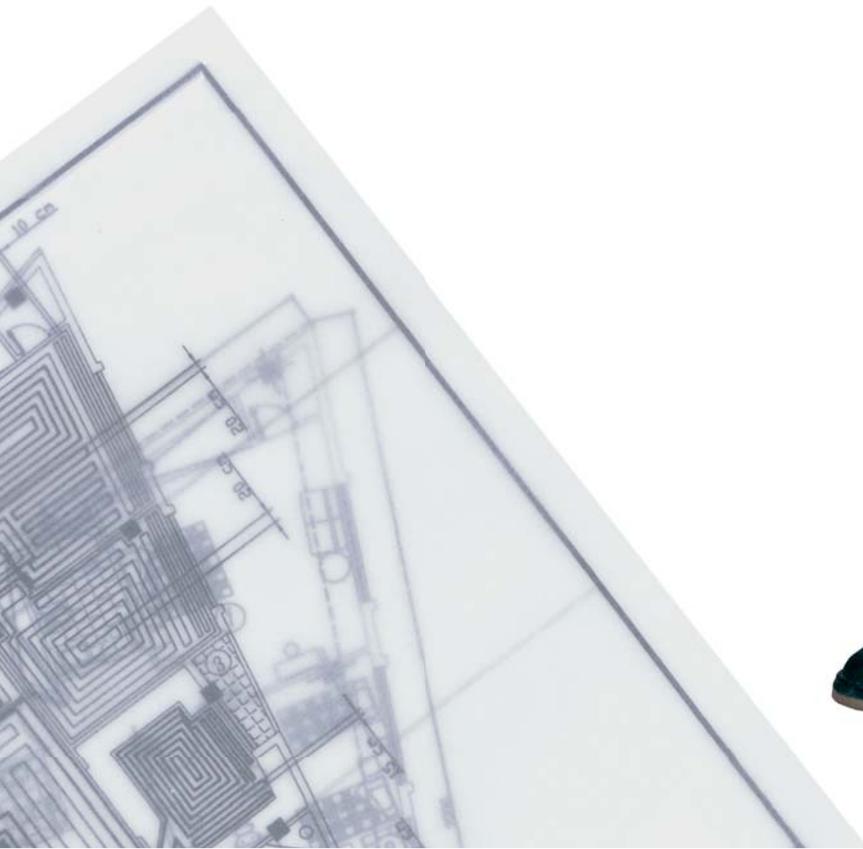


● ● ● A dependable service

We believe that your satisfaction is the key to our success. This is why quality service is always included in SuperPipe quality products.

We provide assistance from the project planning stage to the final completion phase. Our technical support team provides you with the support you expect for a high-class product. Our services include: BOQ and cost estimation, consultancy for your specific requirements, training of the installers, onsite advice and field service visits.

We have also a very efficient order processing system, a value for example when you have an urgent need for a fitting.





Competence and Experience

We are a leader in the Middle East pipe market and are the most experienced with multilayer composite pipes in the region.

Every single day tens of kilometers of our production is used for sanitary hot and cold water systems, radiator connection, underfloor heating or industrial applications.

The key to our success is responding quickly and flexibly to market requirements as well as offering solutions that are unbeaten in terms of quality, safety, service and range.

Our in-house knowledge and expertise paired with our partnership with worldwide industry leaders, enables us to responding to your individual needs. Our customers benefit from convenient and reliable solutions for a wide range of installations. Quality, service and environmental friendliness are amongst key objectives.



SUPERPIPE INTERNATIONAL

www.superpipe.ae

More information: