

Tigris K1

Commercial Press-Fit System

Press-fit doesn't
get any more
impressive



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Proven performance. Unique benefits. **Real value.**



Already widely specified and accorded a design award in Europe, Wavin Tigris K1 is the proven and perfected system for high-rise residential, health care and large scale industrial and commercial builds.

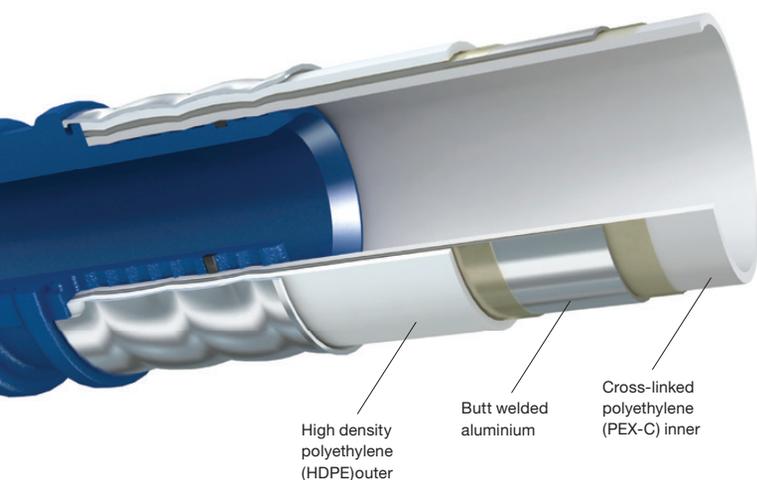
Every facet of the system has been engineered to enhance performance and save time and cost, from the flexible pipe which requires fewer fittings to the speed of press-fit which removes the need for hot works permits.

Tigris K1 also connects you to unique benefits: from a patented head design that reduces push-in force and our unique Lifetime Assessment tool for assured specification, to connections for copper and Hep₂O and a 10-year system guarantee.

Supported by our project teams, technical centre and online resources, press-fit simply doesn't get any more impressive.



Multi-layer Multi-benefit



The multi-layer pipe is integral to the exceptional performance of Tigris K1, uniting the benefits of metal and plastic into one composite solution. The pipe comprises an inner plastic layer of cross-linked polyethylene, an outer plastic layer of HDPE and a butt welded aluminium layer in between.

The aluminium layer in the pipe reduces thermal expansion (with a performance comparable to copper) and acts as an oxygen diffusion barrier, preventing corrosion and any biofilm build up.

At the pipe's core, the PEX-C inner layer combines dimensional stability with flexibility so that the pipe is easy to bend, reducing the number of fittings required and the time – and therefore cost – of installation.

The benefits of recirculation

For commercial projects, especially in large sanitary systems such as those in health care or hotel installations, recirculating systems are increasingly common. They are an effective way of reducing the risk of bacterial growth and legionella infection by keeping water at a constant high temperature, eliminating water stagnation and delivering the convenience of hot water on demand at the tap.

Tigris K1 is designed to meet the rigorous demands of such a continuously operated system with maintained high pressure and water temperatures, as well as thermal and chemical disinfection.

For individual projects, the Wavin Lifetime Assessment Tool can assess the performance of varying design and operating conditions on system performance and lifetime expectation.



FREE
sample pack!

Simply visit
www.tigrisk1.co.uk
to request
yours today.

You'd be hard to improve

➤ Multilayer composite pipe resistant to oxygen diffusion, and with a thermal expansion comparable to copper.

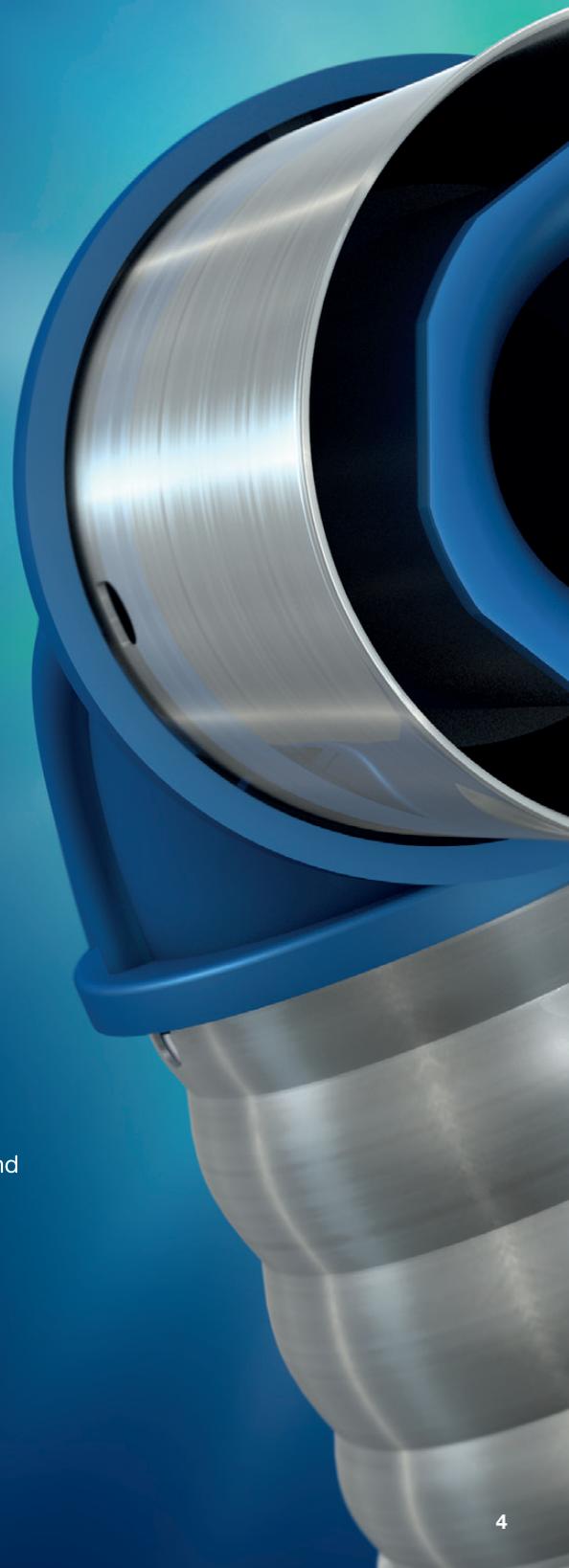
➤ Patented hexagonal nose reduces push-in force and will hold 2m of pipe unpressed, so the installer doesn't have to hold the pipe in position.

➤ Defined-leak window reveals unpressed fittings at pressure test.

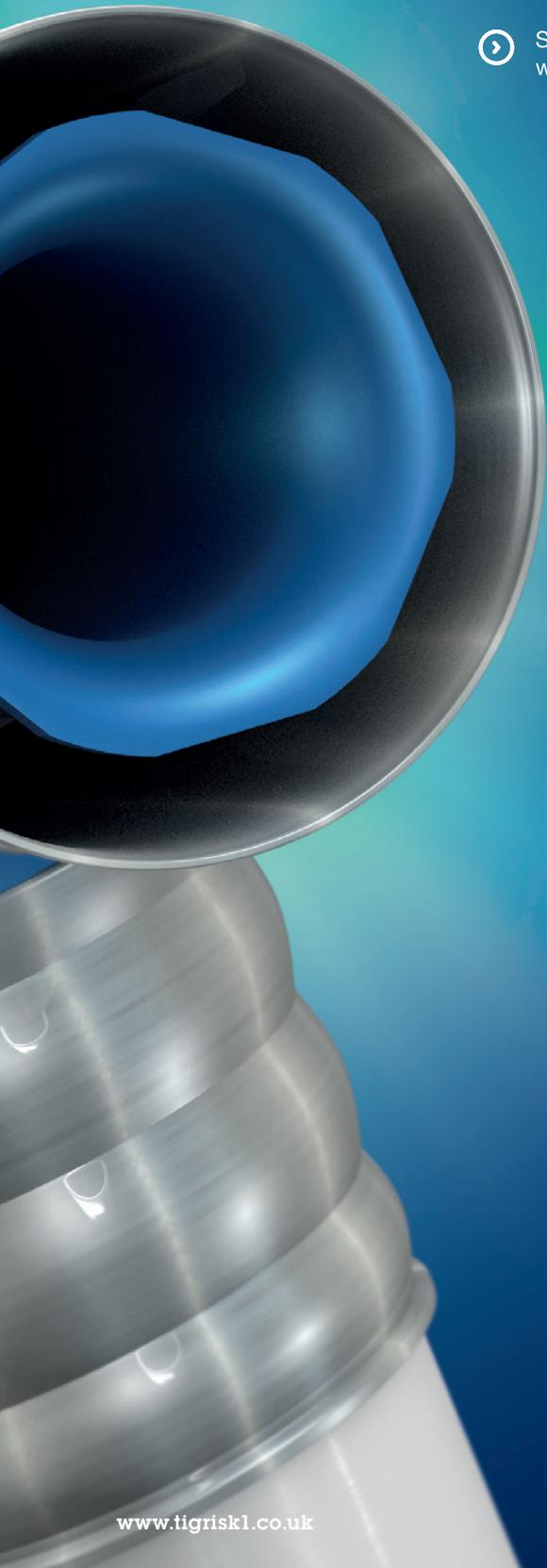
➤ Robust PPSU fitting for corrosion and temperature resistance, with integral O-ring for reliable sealing.

➤ Flexible pipe means fewer fittings and faster, lower cost installation.

➤ 16-63mm sizes available, and connections to copper and Hep₂O systems.



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- Suitable for sanitary, potable water and heating applications.
- Quick, safe and proven press-fit means no hot works insurance – no soldering, welding or thread cutting.
- Visual connection check in observation window.
- Tested and compatible with a range of press tools.
- Visual check whether fitting is pressed or not.
- WRAS, DGWA and KIWA approved.
- 10-year system guarantee.
- Winner of a European Design Award.

Discover our broad portfolio at
www.wavin.co.uk



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For further product information visit: wavin.co.uk



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