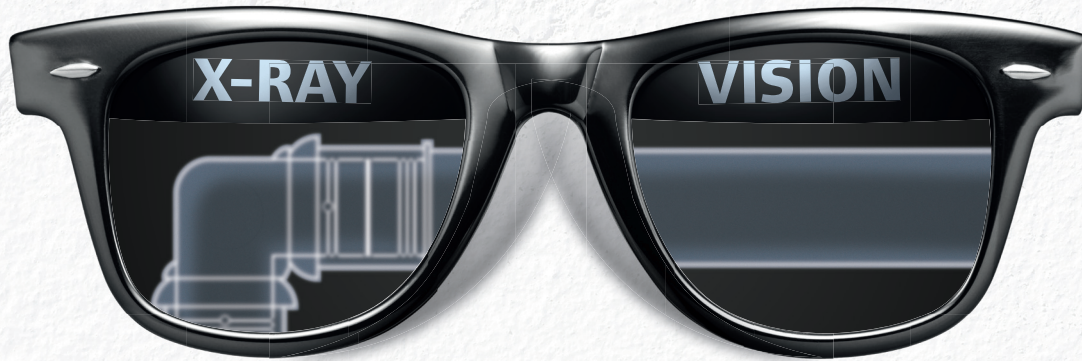


Without X-ray vision...

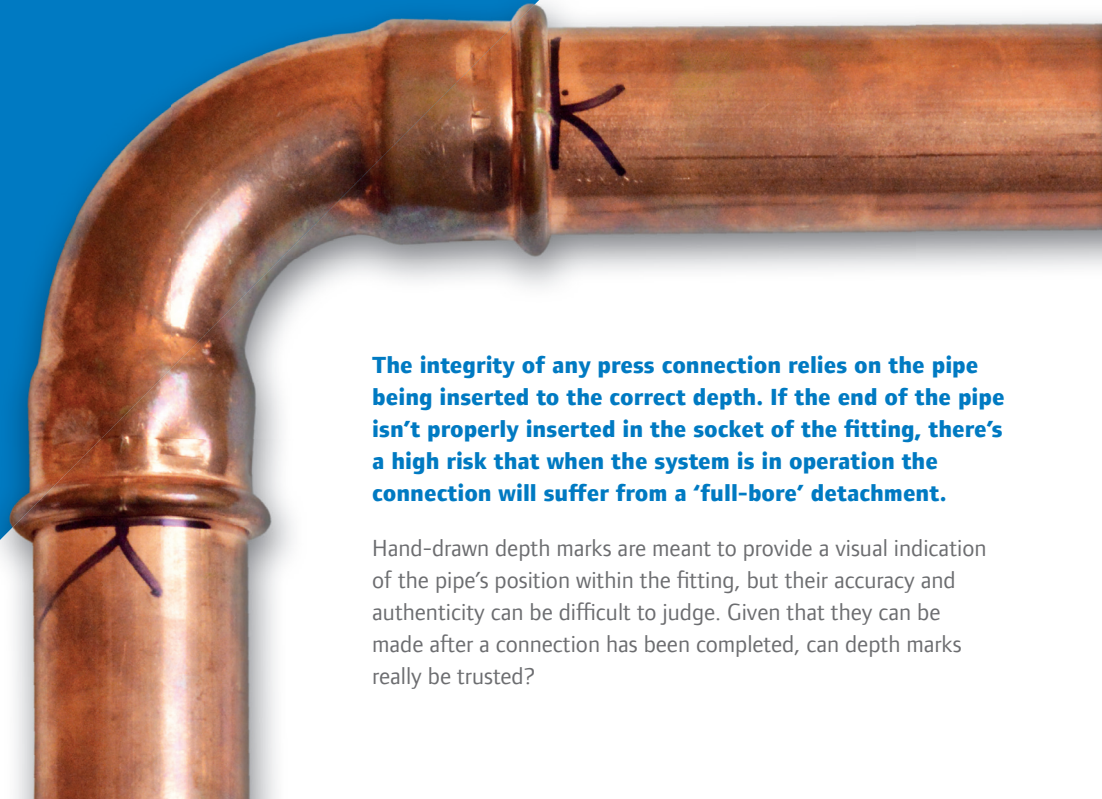


...can you really **trust your metal press connection?**

uponor
uponor.co.uk



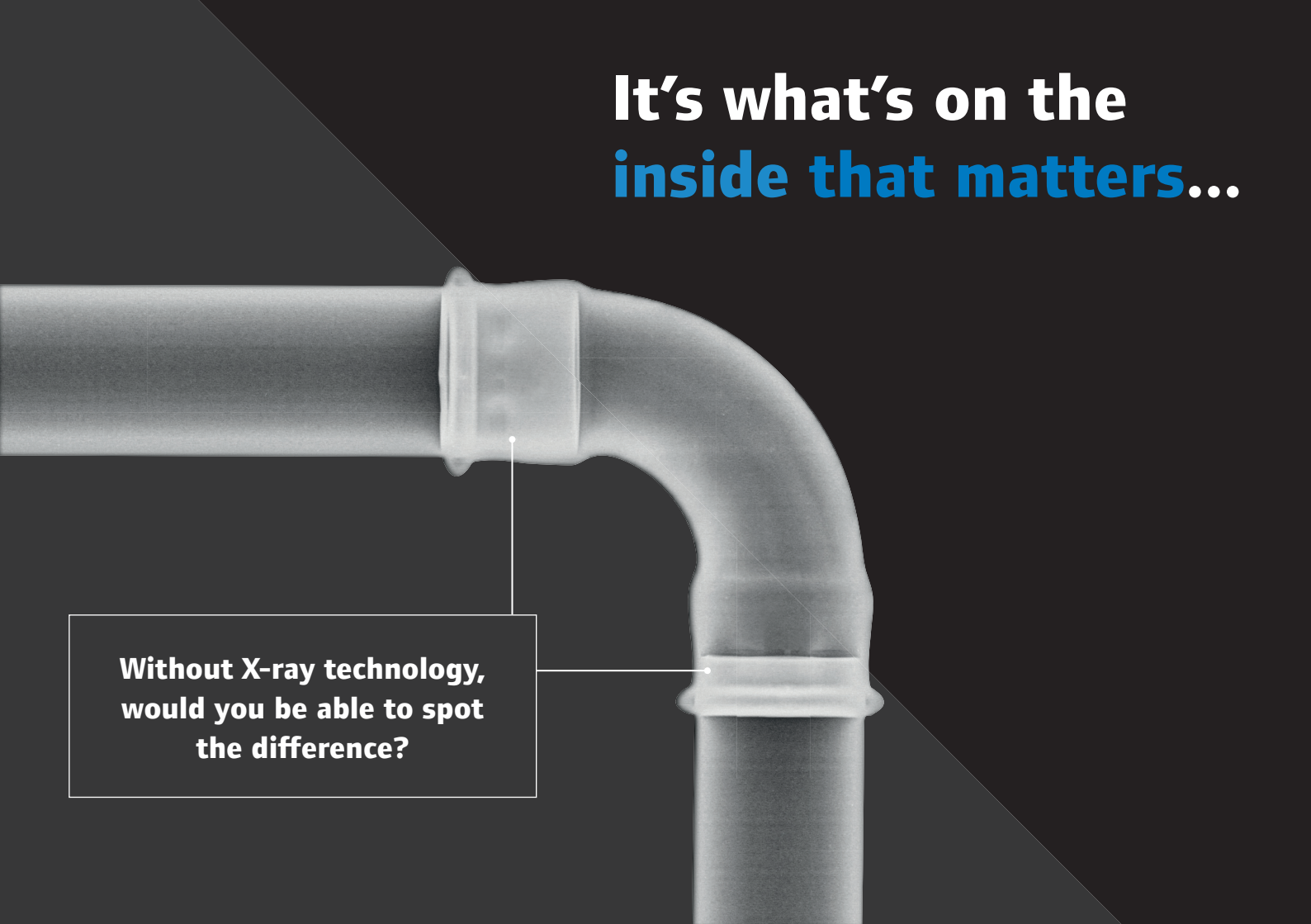
How far can you really trust a depth mark?



The integrity of any press connection relies on the pipe being inserted to the correct depth. If the end of the pipe isn't properly inserted in the socket of the fitting, there's a high risk that when the system is in operation the connection will suffer from a 'full-bore' detachment.

Hand-drawn depth marks are meant to provide a visual indication of the pipe's position within the fitting, but their accuracy and authenticity can be difficult to judge. Given that they can be made after a connection has been completed, can depth marks really be trusted?

**It's what's on the
inside that matters...**



**Without X-ray technology,
would you be able to spot
the difference?**

X-ray vision with no superpowers required!



Correct depth



Incorrect depth

When it comes to press connections, Uponor's Multi-Layer Composite Pipe system provides complete peace of mind.

Every fitting features a set of useful observation windows showing the position of the pipe inside, which help to ensure it is fully engaged before the pressing is made, and also allows the connection to be reviewed once it's completed. This means joints are installed correctly first time, eliminating doubt and the need for costly X-ray reviews.

Multi-Layer Composite Pipe

Uponor's Multi-Layer Composite Pipe (MLCP) enjoys all the benefits of a metal pipe system, plus all the advantages that modern materials like polyethylene can offer. Based on a core of aluminium, layered inside and out with polyethylene, the pipe is extremely strong and 100% oxygen-diffusion tight.



Features and benefits

- Easy to review connections
- Fast installation
- No hot works required
- No risk of on-site theft
- No limescale or corrosion
- Suitable for recirculating systems
- Joint-free plumbing with manifolds

The benefits of Multi-Layer Composite Pipe

Multi-Layer Composite



Metal press systems



Connections

Offers the choice of either metal or PPSU press connections that are both quick and safe to use.

Available in either 3m or 5m lengths and coils of up to 500m, Uponor MLCP requires fewer connections, saving time and money.

As more connections are required, the potential risk, cost and installation time of the system is increased.

Hygiene

Pipes are plugged at the manufacturing stage to maintain hygiene.

Each connection seals on the inside bore of the pipe, which is clean and hygienic.

Unprotected, open-ended metal pipes can already harbour dirt and bacteria before they are even installed. Once they establish themselves in a bio-film, these contaminants are virtually impossible to remove from a system.

Three easy steps to fitting and installing MLC



Confidence

Multiple observation windows help to ensure correct installation, negating the need for an expensive X-ray review.

Connections seal on the inside bore of the pipe meaning it is impossible for the pressing process to collapse the pipe.

Examining metal system connections requires costly and time-consuming on-site X-ray reviews.

Some metal press connections can put extreme force on the pipe, which leads to the pipe collapsing and subsequently the connection needing to be removed and replaced.

Corrosion

Not at risk from either corrosion or limescale build-up which can reduce system efficiency and also harbour bacterial growth.

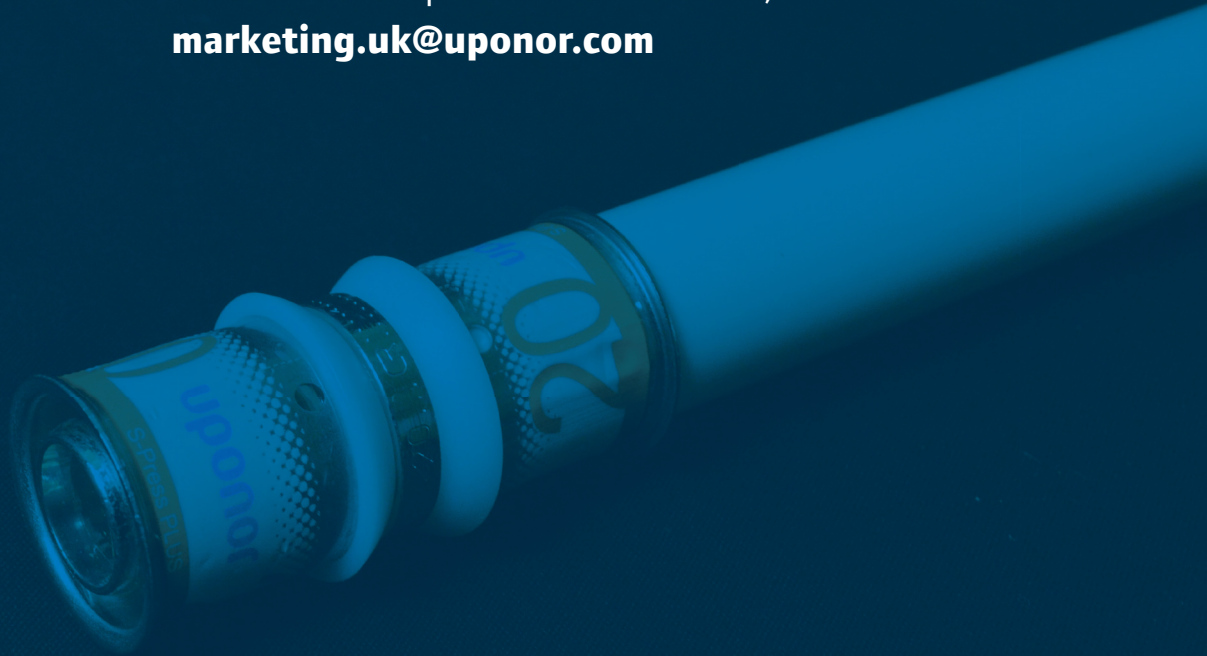
Copper is susceptible to many types of corrosion, including type 1 and 2 pitting and erosion corrosion. Limescale can be the perfect home for biofilms and bacterial growth.

Hot works

Uponor MLCP joints require no soldering. Instead, an easy-to-use pressing tool is provided, making it one of the simplest and safest piping systems on the market.

Many installations require plumbers to obtain a 'hot-works permit' before undertaking any soldering. This process adds time and cost to the installation. Hot works are also a safety concern.

For more information or to request a demonstration, email
marketing.uk@uponor.com



uponor

Uponor UK, The Pavilion, Blackmoor Lane, Watford, WD18 8GA

01923 927000 | uponor.co.uk/mlcp

