



Semi-Rigid Pipework System

Simple, flexible, watertight solution



A True Watertight Solution

Since being introduced as the world's first electrofusion pipework system for fuel applications over thirty years ago, UPP semi-rigid pipework has become known globally as the standard for watertight pipework systems. Synonymous with words like "fast", "efficient" and "simple" throughout petroleum equipment installer circles, UPP pipework utilizes the advanced electrofusion welding process to effectively bond system components together into one, leakproof system.

Efficient Installation. Zero Leak Paths.
Proven Technology for an Advanced Market.



Simple Installation

The UPP electrofusion welding process is safe and simple to complete in any climate and virtually any weather condition. An installer simply preps the components, fits them together attaching welder leads to the fitting, and then presses a single button on the welding unit to initiate the process. The welder unit itself calculates the exact settings required to complete the weld, regardless of the pipework diameter or temperature, leaving no settings for the installer to input.

After this simple installation process, the security and integrity of a watertight installation will remain for the lifetime of the site and provide unmatched resistance to ground movement.

1

Cut



2

Scrape



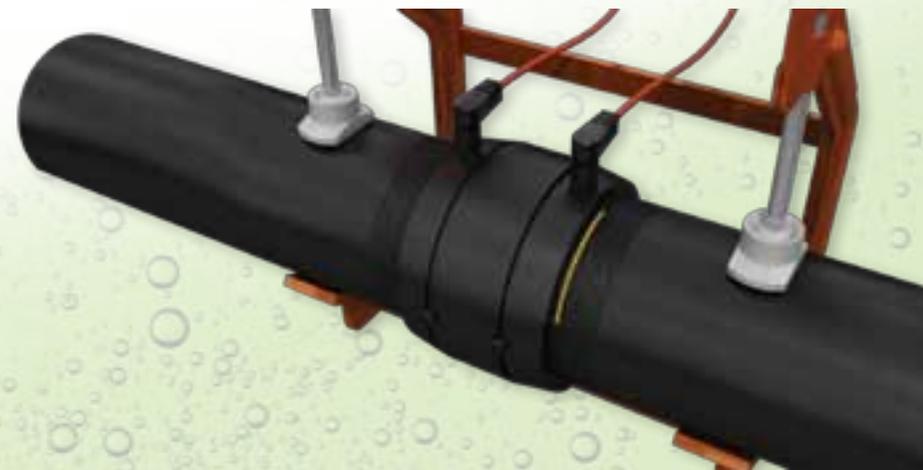
3

Clean



4

Mark



5

Weld



Electrofusion Welding

At the heart of the UPP pipework system is the highly efficient electrofusion welding process that connects pipe, fittings, boots and containment to create a seamless direct burial pipework system. The welding process uses the lightweight, portable UPP electrofusion welder unit to form the strongest of assemblies, which is easily and quickly carried out - even in confined spaces.

Hand-Held Welder

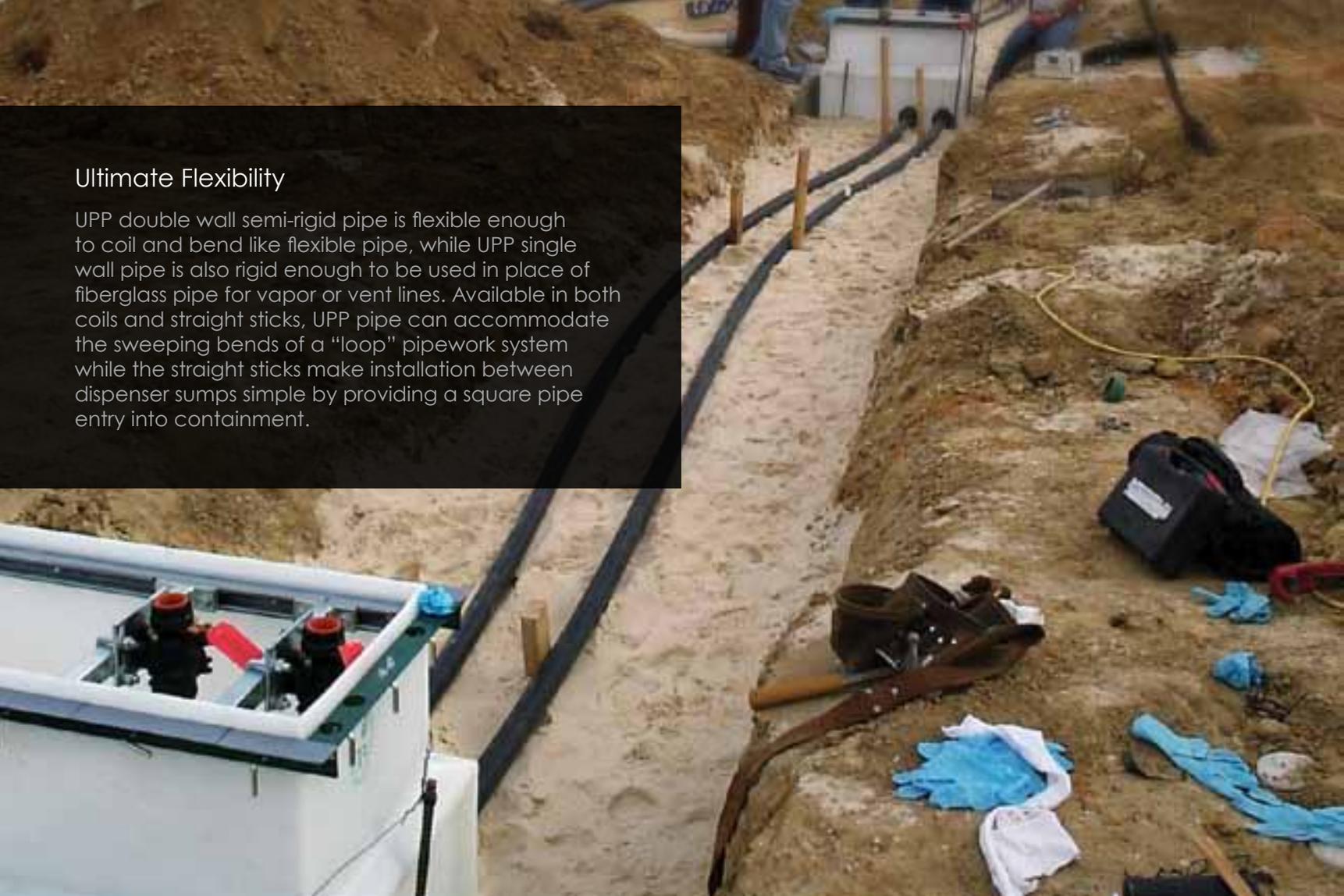
The UPP Electrofusion Welder is compatible with all UPP fittings and products. In use on thousands of job sites around the world, the rugged water and dust proof welder features a state-of-the-art graphical display that illustrates the progress of the electrofusion process and provides visual indication of a completed weld.



The UPP Electrofusion Welder features a built-in sensor, which checks the ambient temperature and adjusts to apply the correct amount of energy needed for a successful weld in any climate.

Ultimate Flexibility

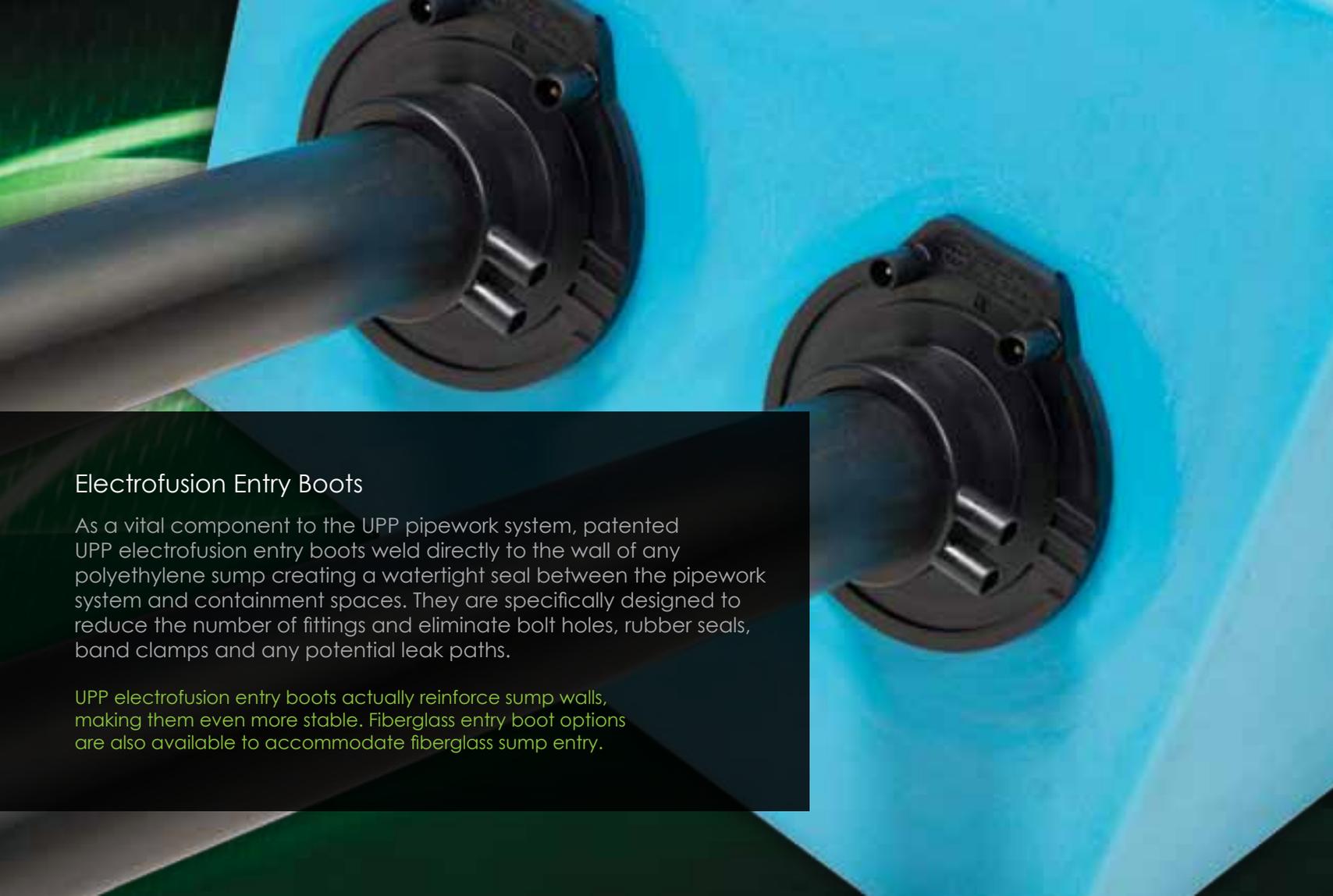
UPP double wall semi-rigid pipe is flexible enough to coil and bend like flexible pipe, while UPP single wall pipe is also rigid enough to be used in place of fiberglass pipe for vapor or vent lines. Available in both coils and straight sticks, UPP pipe can accommodate the sweeping bends of a "loop" pipework system while the straight sticks make installation between dispenser sumps simple by providing a square pipe entry into containment.



Ready For Retrofit

UPP semi-rigid pipe is easily installed at sites undergoing a retrofit of existing pipework. The flexibility of UPP double wall semi-rigid pipe allows for easy installation through existing ducting.





Electrofusion Entry Boots

As a vital component to the UPP pipework system, patented UPP electrofusion entry boots weld directly to the wall of any polyethylene sump creating a watertight seal between the pipework system and containment spaces. They are specifically designed to reduce the number of fittings and eliminate bolt holes, rubber seals, band clamps and any potential leak paths.

UPP electrofusion entry boots actually reinforce sump walls, making them even more stable. Fiberglass entry boot options are also available to accommodate fiberglass sump entry.

Electrofusion Termination Fittings

The end of a piping run can be fitted with a wide variety of termination fittings to accommodate any application. UPP termination fittings feature an overmolded design which permanently bonds the metal threads of the fitting to an HDPE pipe segment allowing the same electrofusion process to create a watertight bond between the pipework and metal termination fitting.



Quick release termination fittings provide a quick and easy, leak-proof connection between the pipework and flex connector.



Franklin Fueling Systems

franklinfueling.com

3760 Marsh Rd. • Madison, WI 53718, USA
Tel: +1 608 838 8786 • Fax: +1 608 838 6433
Tel: USA & Canada +1 800 225 9787 • Tel: UK +44 (0)1473 243300



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