ASK A PRODUCT MANAGER

Franklin Fueling Systems

WHAT CAN ELECTROFUSION DO FOR ME?

How electrofusion technology is changing the face of piping and containment.

A GLOBAL CHALLENGE

Station owners around the world face an array of challenges during pipework installations, such as extremely hot or freezing temperatures, arid or humid climates, high water tables or seismic activity. Depending on the installation site, any one of these issues could present a serious challenge.

From messy glues and epoxies that require specific conditions and long setting times, to cumbersome steel and copper pipes that are prone to corrosion, there are many variables to consider when selecting a pipework system.

Plastic pipework, with its unique electrofusion capabilities, is fast becoming the globally recognized standard for safe, effective installations. Lightweight, flexible, and immune to corrosion, plastic pipework presents the perfect solution for piping and containment installations.

SIMPLE AND SAFE

Electrofusion welding is a highly efficient welding process that connects pipe, fittings, boots and containment to create a seamless direct burial pipework system.

Electrofusion welding is so simple that it is easy for anyone to learn. With the help of local trainers, installers around the world are learning to install electrofusion pipework quickly and safely. Electrofusion welding works in any climate and virtually any weather condition, even in confined spaces. Some electrofusion welders are so simple that the installers need only press a single button to initiate the weld.

Depending on the welder in use, either the installer inputs relevant parameters into the welder or the welder unit itself will calculate the exact settings required to complete the weld. The whole electrofusion process can be done in as little as eight steps.

FLEXIBLE

Installations all over the world have been made safer and simpler through the use of electrofusion technology. Unlike heavy steel and copper pipes, plastic pipework is lightweight, flexible and resilient. Some plastic pipework brands, such as UPP™, can even be installed through old ducting with no need to break pipe, making it a perfect retrofit solution.

INNOVATIVE

UPP™ brand semi-rigid pipework was introduced as the world's first electrofusion pipework system for fuel applications over thirty years ago; UPP™ is now known globally as the standard for watertight electrofusion welded pipework systems, and continues its traditions of innovation. The Gemini secondary containment system from Franklin Fueling Systems is a revolution in fittings design, offering the unique ability to completely install the primary pipework system and execute integrity testing before closing the secondary system.

Gemini reduces the required parts, welds, time and overall cost; allowing station owners to benefit from a reduction of up to 50% in primary and secondary fittings and fusion weld operations. The welding leads for the primary UPP™ fittings can also be used to weld the Gemini secondary fittings, giving unparalleled installation efficiency. Gemini is unique in being both EN & UL approved.

Vacuum testing conducted at critical points during the installation confirms that all components are installed correctly and that the complete installation is leak proof, preventing the need for an expensive rework.

ALLAN BUSCH (Product Manager, Global Pipe and Containment Systems)

In my 11 years with Franklin I have held multiple roles within the company. In my current role as Global Pipe and Containment Product Manager, I've focused on supporting and growing the UPP™ branded products for EN markets in every corner of the world. What I enjoy most about my job is meeting new people and educating them on why using our products helps them attain the lowest total cost of ownership for their site.

Do you have a question for a Product Manager?

If you have a question for one of our product managers, please submit your question to info@franklinfueling.com.