

Tips for systematic preparation for successful electrofusion jointing



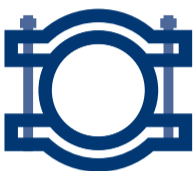
Know your stuff

Get the right training and industry accreditation. A methodical approach in the preparation and installation of electrofusion systems will make the process so simple each time.



Use the right stuff

Start with the right tools and equipment to reduce the possibility of error.



Shape it

Ensure correct alignment into the coupler by cutting the pipe ends straight and if required. Use a correctly sized manual clamping tool to push any ovalised end to reshape within the ovalisation range required by Australian standards.



Scrape it

Remove the oxidised layer on the pipe with a well fitted, high quality scraping tool to maintain a constant thickness of scrape to the exact length of the electrofusion coupler being used.



Clamp it

Clamp the pipe for alignment, restraining and re-rounding. The correct sized clamps will keep everything tight and straight and give you the added assurance that the pipe will not move during the scraping and fusion process.



Keep it clean

Use a ground cover, shelter and pipe end covers where possible. Ensure a clean surface prior to inserting the pipe into the fitting. Wipe the surface with an Isopropanol wipe to remove any residue, then allow to dry without adding any further contamination. Keep electrofusion fittings in the bag until weld time to avoid the exterior surface re-oxidisation.



Time it right

Start the electrofusion jointing process at a time you can guarantee no interruption.



Cool it

Follow the instructions of the machine strictly and allow the adequate time for heating and cooling. Ensure the fusion indicators have risen. Do NOT remove the clamps from the fitting until the cooling time has elapsed.



Trace it

Mark the joint with the date and number issued from the electrofusion control box.



Call us if you need advice or training on electrofusion welding or visit www.pipa.com.au for more information.