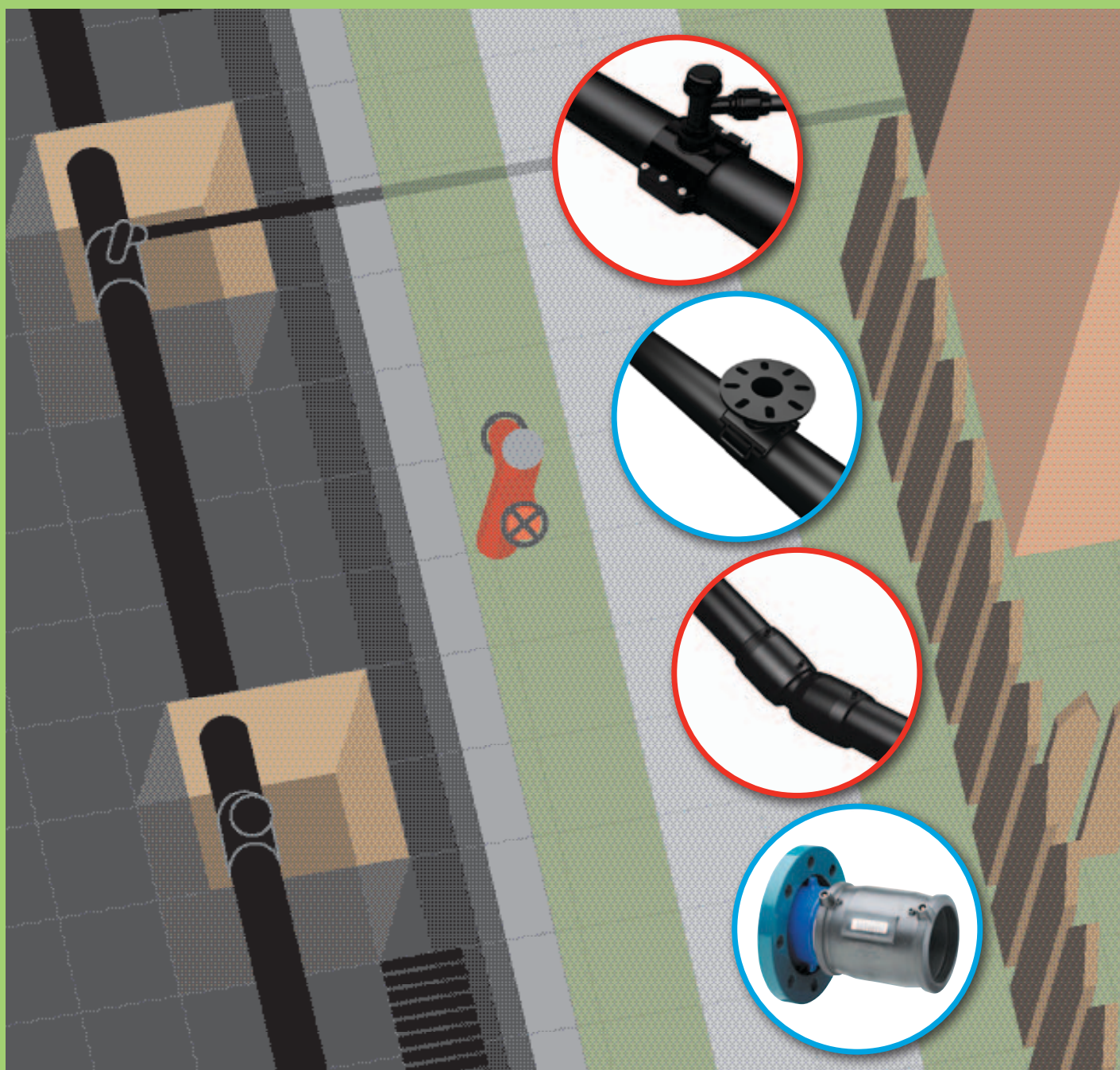
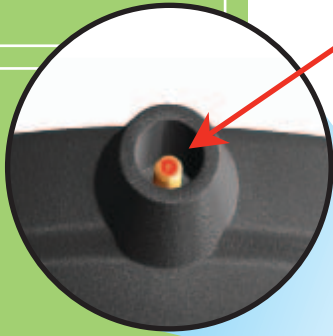




## Products for PE pipe trenchless projects



## Why use Electrofusion for your trenchless projects?

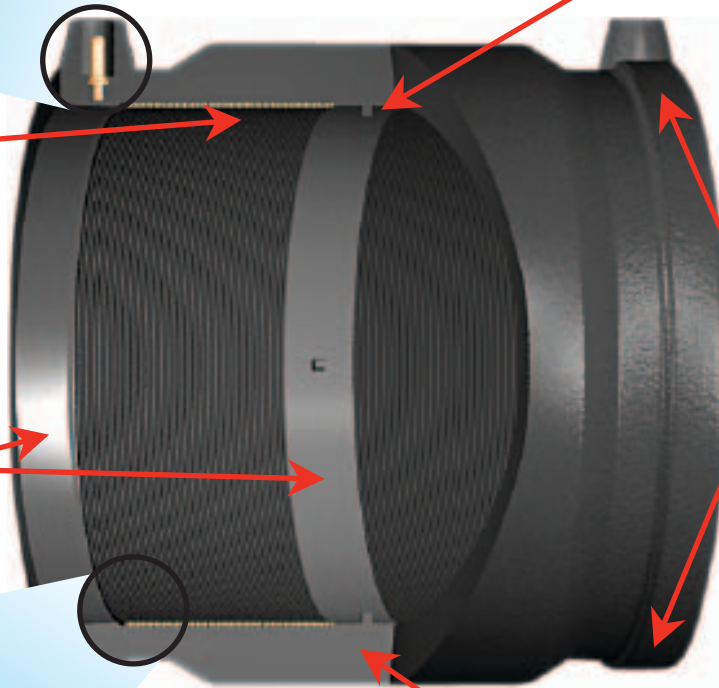


The Plasson Automatic system recognises the required fitting weld parameters. This means:

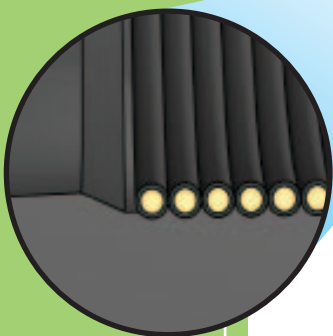
- No manual entry of weld time is required
- There's no need for bar code pens or manual temperature compensation look up tables
- Single weld time and voltage (from -10 to 45°C) keeps the weld process simple and reduces chance of operator error

- Removable pipe stops allow the fittings to be used in slip repairs

- Long fusion zones ensure Plasson couplings are stronger than the pipe, making them suitable for directional drilling applications
- Welding terminals can be removed to reduce the fitting profile
- Long cold zones protect the weld zone during welding



- Extra material provided at fitting edges helps prevent accidental damage during pipe insertion



- Fusion zone wires are coated in PE and recessed to minimise potential for accidental damage during pipe insertion
- Coated wires help bridge the gap between pipe & fitting during welding and provide an excellent weld quality

- Fitting geometry provides extra strength where it is needed for long term performance

## Plasson trenchless solutions

The Plasson electrofusion product range is the most comprehensive in Australia. It includes:

- PN16 Couplers from DN16 to DN560
- PN10 Couplers from DN63 to DN710 (also suitable for welding onto high SDR/Thin PE pipes)
- Elbows and Tees up to DN250
- The widest range and the the most comprehensive stock of electrofusion fittings in Australia

All fittings are licensed to ASNZS4129 and stocked and distributed across Australia by Vinidex.



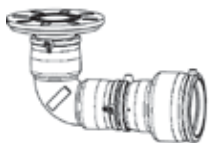
## Products for reinstating house connections

Vinidex has a range of electrofusion and mechanical tapping saddles for reconnecting households to renewed water mains.

- The saddles can be installed on live mains and incorporate an integral under-pressure tapping tool
- The cutter retains the pipe coupon after tapping
- The tapper can be used as a temporary shutt of device by lowering the cutter back into the bottom position for pipe repairs on the service line (The tapper is not designed as a permanent valve. Some leakage may occur. Not suitable for gas shut off)
- The electrofusion saddles incorporate Plasson Automatic weld time recognition and single weld time technology and the offtake can be connected to either Plasson compression fittings or electrofusion fittings
- The mechanical tapper is a compression saddle that incorporates a unique swivel outlet that enables offset connection angles
- The offtake includes a Plasson compression fitting to suit a DN25 or DN32 PE service connection pipe or can be used with a Plasson PE to copper adaptor if connecting to an existing copper service pipe
- The mechanical tapper is available for PE & PVC pipes:
  - ~ PE 63-180mm
  - ~ PVC Series 1 & 2 DN100 & DN150
- WSAA Appraisal 98/46



## Making flanged hydrant connections



### Plasson Hydrant Saddles, Elbows and Tees

Used for connecting DN80 or DN100 hydrant valves to PE pipelines.

Available pre-assembled or in kits.

### Hydrant Saddles

- Enable customisable flange heights above pipe centre line
- Incorporates a full faced plastic flange and SS316 backing ring slotted for compatability to AS4087 PN16 DN80 and DN100 flange sizes
- Can be welded onto a live main – the main only needs to be shut down for the time taken to drill the coupon and install the hydrant assembly
- Available for DN125, 180, 200, 225, 250, 315 pipe sizes



### Hydrant Tees and Elbows

- Elbows available in plane or duckfoot styles including duckfoot with 32mm offtake to enable service connection on pipeline end points for prevention of stagnation problems
- Available for DN125 and DN180 pipe sizes



**Only WSAA Appraised  
Product for Hydrant Connections  
to PE Pipelines (Appraisal 98/50)**

## Making flanged connections



Used for connecting to other pipe materials, valves or other flanged pipeline items. Flanged Coupler available in:

- DN125 PE with AS4087 DN100 PN16 Flange
- DN180 PE with AS4087 DN150 PN16 compatible Flange\*
- DN225 PE with AS4087 DN200 PN16 compatible Flange\*

\*Cast iron flange drilled to ISO sizes requires M16 bolts to suit AS4087 sizes.

Other sizes available. See [www.vinidex.com.au](http://www.vinidex.com.au) under PE Fittings Section.

## Misaligned connections

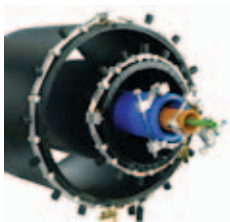


### Adjustable elbow to allow stress free jointing

For situations when there are small misalignments between pipe sections or a non-standard angle is required.

- Adjustable elbows provide 12 degrees of angular adjustment per coupling by using a ball and socket system in the coupling body
- The double coupling system can provide up to 24 deg of angle or up to 25mm in axial misalignment
- Available to suit PE pipes sizes DN110, 125, 160, & 180mm

## Specialised installation tools and advice



Vinidex has a wide range of specialised installation tools to ensure your trenchless projects deliver long-lasting results. In addition, our products are backed up by the only PE jointing solution focused sales team in Australia - to ensure you get the right advice on products, tools and the correct installation techniques. Products include:

- Welding Control Boxes
- Cutting tools
- Rotational scraping tools from DN20 to DN800
- Cleaning products
- Clamping devices
- Data recording systems for quality assurance

You can view the Plasson® tooling range in our tooling catalogue at [www.vinidex.com.au](http://www.vinidex.com.au)

**Vinidex**  
Systems & Solutions

CUSTOMER SERVICE

Sales Hotline: 13 11 69  
Sales Fax: 13 24 43