

# PE PRESSURE PIPE SYSTEMS



End to End PE Solutions



**MATRIX**  
PIPING SYSTEMS



# PE 100 PRESSURE PIPE SYSTEMS

## Pressure Electrofusion

Our High Pressure Electrofusion system provides a smart, fast and effective solution for onsite installations. Suitable for gas, fire service, potable water & treated effluent, this system covers a wide range of applications.

### Product Range

Our sizes range from 25 – 900mm including sockets, elbows, tees, reducers, branch saddles and tapping saddles for live connections. Pipe is available in 6 & 12 meter lengths and coils in the smaller bore sizes. Electrofusion welders are also available for purchase or hire.

### System Features:

- High Quality Pressure rated pipe and fittings
- Thrust blocking not required
- Suitable for Multiple Service Trenches
- Cyclic Pressure Resistant
- Rain Harvest Water Systems
- Pressure Sewerage Systems



## Long Spigot Fittings

We stock polyethylene pipe fittings featuring elongated spigots for both electrofusion and butt weld applications. These versatile fittings are compatible with our electrofusion systems.

### Product Range

Our unique range includes, stub flanges, elbows, tees, elongated bends, junctions, polyethylene ball valves and accessories, reducers, barrel unions, threaded adaptors – both male and female, roll groove adaptors and end caps. Sizes range from 20 – 500mm with fittings available in SDR11 and SDR17.





## Buttweld Fittings

Offering a range of pipe fittings specifically for butt welding, this range can also be welded to long spigot fittings, each fitting being compact in size for economical storage & transportation. These fittings are perfectly suited to refabrication pipework assemblies.

### Product Range

Fittings available in this range include, stub flanges, end caps, sweep bends, short radius bends, reducers, shouldered ends and couplings. All buttweld fittings are available in SDR11 and SDR17



## Prefabrication

Our dedicated workshop is here to assist you with custom polyethylene pipe and sheet configurations. We specialise in custom-made fittings, supplied ready for installation to save you time on site.

### Capabilities:

- Pump Station Pipe Pre-assemblies
- Gravity Drainage Pre-assemblies
- Floats & Pontoon construction
- Custom Pressure & Drainage fittings
- Butt, Insertion & Extrusion Welding
- Custom Bends & Offsets
- Y Pieces 50-315mm
- Suction Intake Strainers
- Flanged Elbows & Tees
- Flanged Pipe Spools
- Maxi Flange
- Thrust Puddle Flange



## Why Matrix?

Complete Poly Piping solutions — that's the Matrix Piping Systems promise. We take poly piping expertise beyond mere products to encompass every aspect of the poly pipe installation requirements. Your full Matrix experience encompasses genuine and candid technical advice, quality-assured products and total service capability.

For a full range of products visit [matrixpiping.com.au](http://matrixpiping.com.au) and download our specifications brochure.

# EQUIPMENT HIRE AND SALES

Matrix Piping Systems not only offers complete polyethylene piping systems but the tooling & equipment required to put it all together. Electrofusion & Butt Welding machines along with rotary pipe scrapers, clamping equipment and more are available for purchase or hire.

## Electrofusion Welders

- Ritmo European quality
- Laser barcode recognition
- Weld data logging
- Universal pin adaptors



## Semi-Automatic Butt Welders

- Consistent results
- Automatic drag pressure measurement
- Complete weld data logging, downloadable in pdf format



## Accessories

- ALIGNER ECO 63 – 180 is an essential and professional tool for the alignment and support of pipes during electrofusion from Ø 63 mm to 180 mm.
- Pipe Scrapers RTC 160 - 315 for fast and accurate preparation, options from 20-1200mm.
- Pipe Rollers
- Turbo Scrapers



YOUR AUTHORISED DISTRIBUTOR



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