

PRODUCT OVERVIEW

End to End PE Solutions



MATRIX
PIPING SYSTEMS

Pressure Pipe Systems

Gas | Water | Fire Service | Treated Effluent

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.

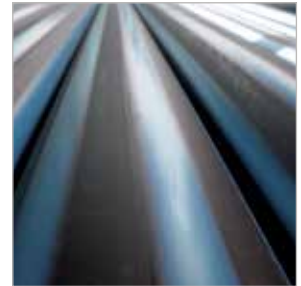
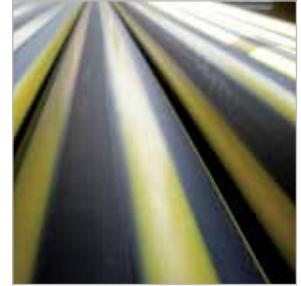
Product Range

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



Trade Waste Drainage Systems

Sewer | Trade Waste

Stocking a complete HDPE Drainage system, we have the answer to all Trade Waste & Sewerage applications.

Product Range

Our sizes range from 50 – 315mm and include HDPE drainpipe in 5 meter lengths, welding sleeves, swept bends, 88.5° branches, Y-branches, reducers (LIT), screwed access tees (IO), junctions, 4 way risers, ring seal sockets, expansion sockets, stop ends & caps, silt traps, floor grates, adaptors to other materials, floor waste gully traps (DT), palazzi traps & threaded adaptors. Drainage welders are also available for purchase or hire.

Advantages:

- Complete size range of swept bends
- Auto electrofusion jointing technology
- Quality European manufacturer
- Self cleaning bore surface
- Resistance to temperatures up to 100°C
- Suitable for poor ground conditions
- Resistance to UV rays
- Lightweight for easy transportation
- No toxic gas emissions in presence of fire
- Environmentally friendly – fully recyclable

Suitable Applications:

- Syphonic Roof Drainage
- Sewer Rehabilitation
- Green Star – rated building sites
- High watertable conditions
- External sewer & vents
- Highly reactive soils
- Aggressive fluids in laboratories & corrosive waste
- In-slab plumbing/post tensioned concrete slabs
- Trade waste – Commercial kitchens, hospitals & Industrial processing plants



Prefabrication & Manifolding

Having a workshop dedicated to pre-fabrication, we are here to assist you with custom polyethylene pipe & sheet configurations. This includes fabrication of pipe offsets, spool pieces & manifolds as well as suction & delivery assemblies. 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



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 prefabrication 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 (16 Bar/PN16) and SDR17 (10 Bar/PN10)



Long Spigot Fittings

We stock polyethylene pipe fittings featuring elongated spigots for both electrofusion and buttweld applications. These versatile fittings are compatible with our 39.5V 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 (16 Bar/PN16) and SDR17 (10 Bar/PN10)



Welder Hire

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 are all available for purchase or hire or, ask us about our hire/purchase arrangement.

Electrofusion Pressure Welders



Electrofusion Drainage Welders



Rotary Pipe Scrapers



Butt Welding Machines



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