

# Pipework for Power Supply



Durapipe

# PLX

Safe Pipework for Fuel

*...with an increasing product portfolio, dedicated to the Fuel Industry, Durapipe PLX continues to shine through innovation within this market sector.*



# Plastic pipework solutions... high performance for life

## Secondary Containment System



Close-Fit Pipe



Pipe-in-Pipe

### PLX Pipe

PLX Close-Fit:- Used for below ground sections of the system and available in straight lengths or coils.  
PLX Pipe-in-Pipe:- Used for above ground fuel transfer applications.

Both pipes are co-extruded with a polyamide liner using the latest extrusion technology , resulting in consistent and technically superior performance.

**Size range from 32mm – 160mm**



### PLX Transition Fittings

PLX Transition fittings ensure the safe and continuous flow of fuel when connecting to and from pumps, tanks and other metal threaded and flanged connections. Each transition fitting has been innovatively designed and manufactured using the highest quality PE and a wide range of metals. With the process of installation in mind; each fitting is developed to save time and costs during the installation process. All products are available in Secondary Containment.

**Size range 32mm – 160mm**



### PLX Electrofusion and spigot fittings

The PLX fittings range contains a wide range of couplers, elbows, tee's and closures, enabling interstitial monitoring and leak detection of the system. All PLX electrofusion fittings are manufactured with the highest manufacturing precision with precisely positioned electrical heated coils ensuring optimum melt pressure during installation.

**Size range 32mm – 160mm**



## Specialist Pipework for Power Supply applications

Durapipe UK is a world leader in the development and manufacture of thermoplastic pipe systems. Our large product portfolio, manufactured to the highest International Standards, allows us to supply widely into a variety of different markets and applications around the world.

With an increased reliance on electronic systems in every-day life, sudden and prolonged loss of power supplies can endanger lives and disrupt business services and commerce.

Oil powered emergency and uninterrupted power supplies (UPS) safeguard against this scenario but they need to be instant and reliable. Underpinning this is the need for a high performance pipe system.

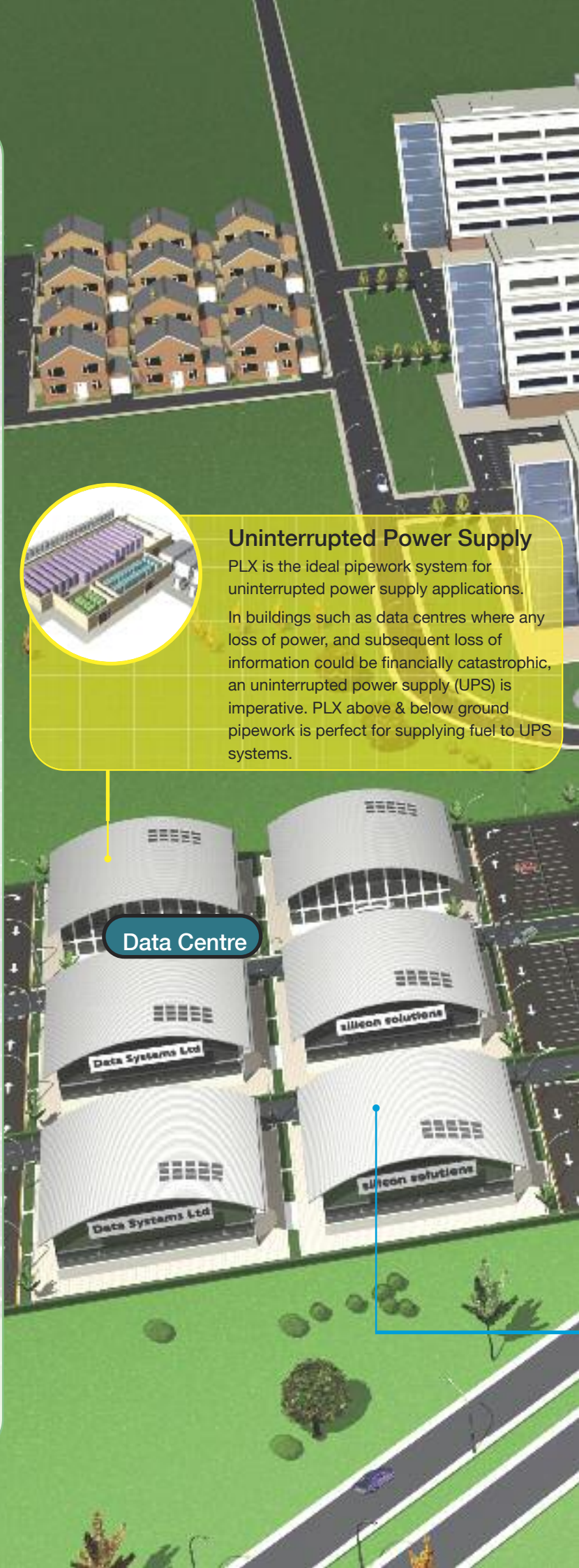
Durapipe PLX is a high performance fusion welded pipework system specifically designed to meet this need, conveying fuel oil to generators and boilers in absolute safety.

### **Durapipe PLX**

Durapipe PLX is an above and below ground secondary contained pipework system specifically designed for the safe transfer of all liquid fuels.

- Secondary Contained
- Safe and Durable (30 Year Design Life)
- High Performance
- Corrosion Resistance
- Resists Permeation
- Quick, Clean & Easy Installation
- Dedicated range of fittings
- UV Resistant
- Full range of accessories and jointing tools
- Allows for Interstitial Monitoring & Leak Detection

.....all backed-up by Durapipe UK's unrivalled technical support.



### **Uninterrupted Power Supply**

PLX is the ideal pipework system for uninterrupted power supply applications.

In buildings such as data centres where any loss of power, and subsequent loss of information could be financially catastrophic, an uninterrupted power supply (UPS) is imperative. PLX above & below ground pipework is perfect for supplying fuel to UPS systems.

Data Centre

Data Systems Ltd

silicon solutions

Data Systems Ltd

silicon solutions





## Hospital



### Emergency Power Supply

PLX pipework is used to safely transport fuel from storage tanks to generators for emergency power supply applications. The pipework system ensures a continuous flow of fuel to the back-up generator which is imperative to a building such as a hospital or prison.



### Chilled Water/Air Conditioning

Also available from Durapipe.....

Designed to operate at temperatures as low as  $-40^{\circ}\text{C}$  and highly impact resistant, Durapipe SuperFLO is ideal for chilled water/air conditioning applications.

SuperFLO has been used in many comfort cooling applications such as IT centres where climate control is imperative.





Prison

Level Crossing



### Heat & Power Supply

For buildings in remote locations, Durapipe PLX can be used to convey fuel to boilers and generators to provide heating, hot water and power.

Manor House

<b>Application Guide</b>		<b>Uninterrupted Power Supply</b>	<b>Emergency Power Supply</b>	<b>Heat &amp; Power Supply</b>
Data Centres		•	•	•
Hospitals		•	•	•
Prisons		•	•	•
Remote Buildings	Country Estates			•
	Manors			•
	Spa's			•
	Farms			•
MOD		•	•	
Education	Schools			•
	Universities	•	•	•
Emergency Services	999 control centres			•
	Police Stations	•	•	•
	Fire Stations			•
Financial Services	Banks	•	•	•
	Trade Centres	•	•	•
Public Sector	Government Buildings	•	•	•
	Local Councils			•
	Courts			•
	Disaster Recovery Plans	•	•	•
	CCTV Camera's			•
	Traffic control services	•	•	•
Leisure	Sport's Arena's			•
	Cinema's			•
	Shopping Centres			•
	Museums			•
	Art Galleries	•	•	•
	Retail payment systems			•
	Supermarkets			•
	Distribution Centres			•
Manufacturing	Breweries	•	•	•
	Others			•
Media	Newspapers			•
	TV Studio's			•
	Film Studio's			•
	Radio Stations			•
Scientific	Laboratories			•
	Research Facilities			•
	Chemical Treatment			•
	Water Treatment			•
Telecommunications	Broadcasting Transmitters			•
	Call Centres			•
	Telephone transmitters			•
	Mobile Phone Transmitters			•
Transport	Air Traffic Control Centres			•
	Airports			•
	Rail Crossings			•
	Rail Track Points			•
	Railway Stations			•
	Sea Ports			•
	Motorway Signals			•
Traffic Lights			•	

### Standards and Approvals

Durapipe UK high performance plastic pipework systems are lightweight and easy to install whilst having excellent corrosion and limescale resistance properties.

Durapipe UK products are manufactured to the highest level and meet the requirements of many international standards and approvals.

Furthermore, our products are manufactured in an environment that complies with the requirements of ISO 9001 and ISO 14001.

This document does not contain technical information. For full technical specification along with advice on jointing procedures, please contact our technical support team on 01543 272445

Durapipe UK reserves the right to modify the details in this publication as products and specifications are updated and improved. The content of this publication is for general information only and it is the user's responsibility to determine the suitability of any product for the purpose intended.

For further information on all Durapipe products and services contact our Customer Services Team on +44 (0)1543 273100 or Fax:- +44 (0)800 317875

Durapipe UK is a trade name of Glynwed Pipe Systems Ltd. Company Number 1698059.

For further information on which of our products conform to the various standards approvals shown here, please contact our technical support team on 01543 272445. Conforms to EN 14125

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