

Pipex px[®]

Producing excellence

Thermoplastic Pipe Systems...



**PP-H Pipe Systems
UK Laboratory**



Thames Water HDPE Pipe Systems



**UK Naval Base
Dual Contained Pipe Systems**



Pipex px[®] Thermoplastic Pipe Systems, and supporting "one stop" Pipex px[®] design and build services, are bespoke & packaged to match the precise project specifications of our customers.

Our unique offsite manufacturing & integrity testing techniques enable site delivery of pre-assembled & pre-tested itemised pipe spools, for fast-track site installation with minimal site joints required.

px

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First desalination plant in the UK

Located on the north bank of the Thames, Beckton (London) is the site chosen for a major desalination plant which was completed in 2009.

Owing to the levels of salt processed, corrosion resistant piping was essential. To meet this challenge, Pipex px® installed HDPE Thermoplastic pipes and fittings in diameters ranging from 63 to 1,200mm

Product Advantages

- Lightweight, impact resistant, and robust
- Highly corrosion resistant to many acids, alkalis, salts and solvents
- Smooth internal bores preventing the build up of FOGS (Fats, Oils and Greases)
- Excellent hydraulic properties due to smooth pipe interior
- Chemical resistance
- Outstanding light resistance and weatherability
- Operating temperatures (HDPE: -40° - +80°), (PP-H: 0°-+100°C and will withstand 110° short term use)
- Assembled using either 'O' ring push fit sockets, fusion sockets, electro-fusion sockets, mechanical coupling and butt fusion

Thermoplastic Pipe Systems Applications

- Chemical Drainage
- Chemical Pressure
- Laboratory Waste
- Bio-safe SAPO Rated
- Fire Mains
- Chemical Vent and Ductwork
- Chilled Water Cooling
- Effluent Treatment Plant
- Large Diameter Pipe Systems
- Dual Contained Pipe Systems
- Foul, Surface, Industrial, and Chemical Water Drainage

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