

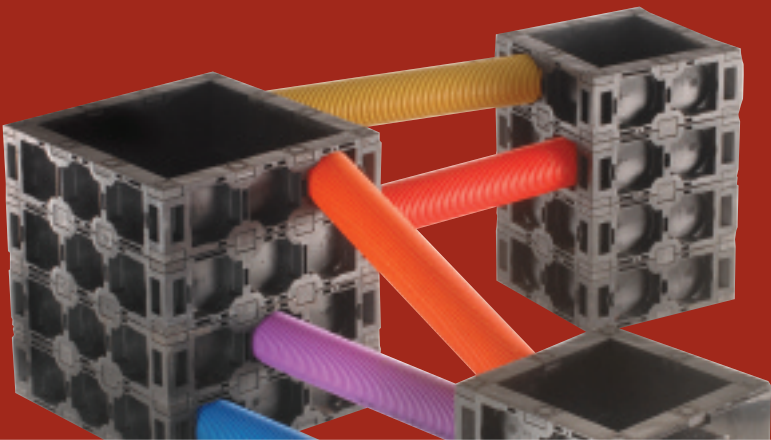
 **plastech**
plastic systems for industry

Titan Duct Access Chambers

Plastech are pleased to announce the launch of it's new, D400 loading Multi-Purpose, inspection chamber – **TITAN**

Designed to be extremely robust, versatile and flexible, it is suitable for a large range of applications including:

- Street Lighting And Traffic Signals
- Gas, Water And Electric
- Motorway Communications
- Airport Lighting
- Drainage Manholes
- Land Drainage Schemes - Silt Traps
- Landfill Sites - Leachate
- Gas Sampling Chambers



Titan Box Range

Model	Clear Opening	Section Depth	Load Rating
Titan T3030	300mm x 300mm	150	D400
Titan T3045	300mm x 450mm	150	D400
Titan T4545	450mm x 450mm	150	D400
Titan T4560	450mm x 600mm	150	D400
Titan T6060	600mm x 600mm	150	D400
Titan T4590	450mm x 900mm	150	D400

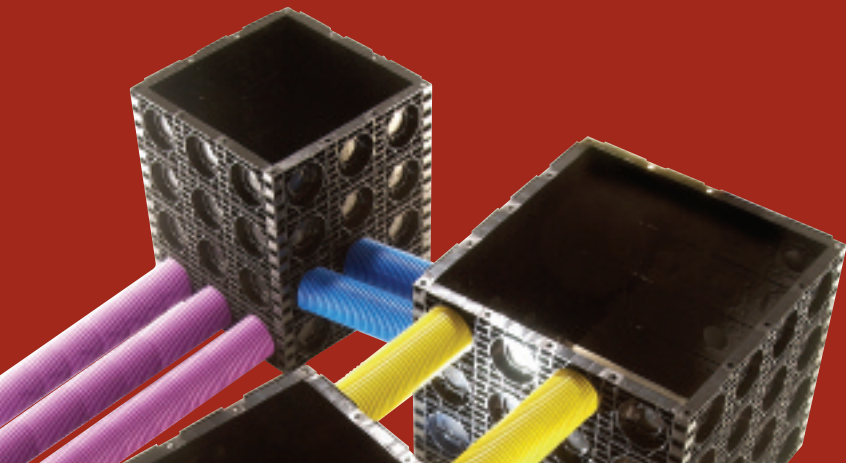
Clear opening measurements are width x length

Other sizes can be manufactured at short notice

Premier Duct Access Chambers

Although it is aimed primarily at the Street Lighting and Traffic Signals industries, it is suitable for most applications where a duct access chamber is required.

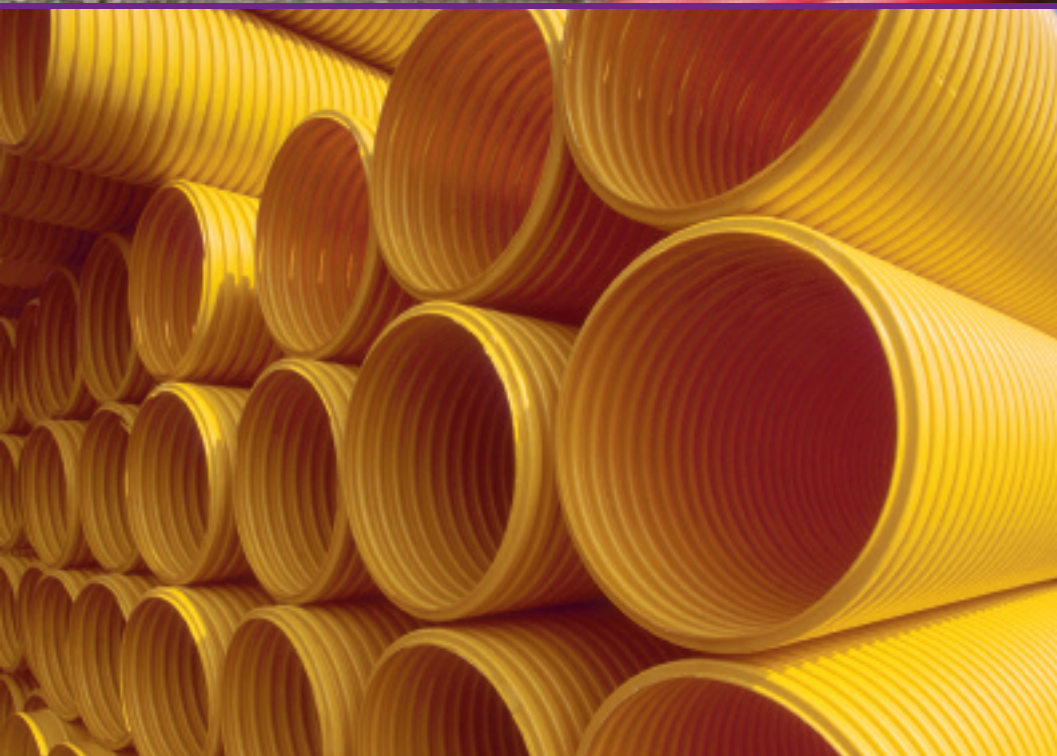
The robust design means that the boxes are not prone to deformation whilst being backfilled with concrete, unlike some other systems on the market, giving the contractor and client peace of mind.



Premier Box Range

Model	Clear Opening	Section Depth	Load Rating
Premier P3030	300mm x 300mm	155	B125
Premier P3045	300mm x 450mm	155	B125
Premier P4545	450mm x 450mm	155	B125
Premier P4560	450mm x 600mm	155	B125
Premier P6060	600mm x 600mm	155	B125
Premier P4590	450mm x 900mm	155	B125
Premier P6090	600mm x 900mm	155	B125

Clear opening measurements are width x length



Ducting

Twin & Single Wall Ducting

I.D. mm	O.D. mm
50mm	63mm
94mm	110mm
100mm	119mm
125mm	145mm
137mm	160mm
150mm	178mm
200mm	235mm
225mm	260mm
300mm	360mm
400mm	466mm
450mm	520mm
500mm	580mm
600mm	680mm



ELECTRICITY



STREET LIGHTING/TRAFFIC SIGNALS



MOTORWAY COMMUNICATIONS



GAS



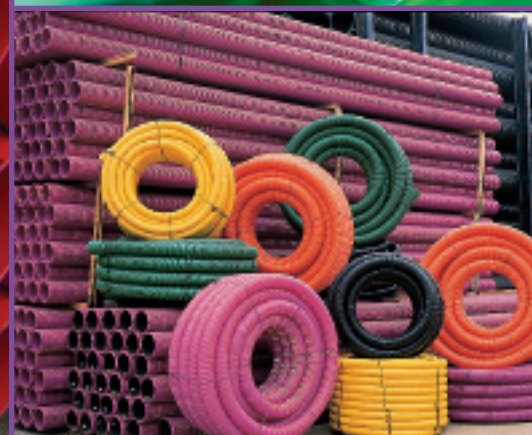
WATER



CABLE TV



TELECOMMUNICATIONS



United Utilities Ducting

Available in 38mm, 125mm and 160mm
38mm is available in 3 mtr lengths and 50 mtr coils.
125mm and 160mm are in 3 mtr lengths only.

Marker Tape & Drawcord



We can supply a wide range of marker tapes to display any required service.

We can also supply detectable marker tape and marker tiles.

We keep 6mm drawcord as standard in 220 mtr rolls and 500 mtr drums but other thicknesses are available on request.



Corrugated Land Drainage Pipe



Also available with Geotextile wrapping



Single Wall PVCu Pipe	
O.D.mm	Coil Size/Metres
60	25/50/150
80	25/50/100
100	25/50/100
125	75
160	35/50
200	40

Single Wall Polypropylene Pipe	
Nominal Diameter	Coil Size/Metres
60	25/50/150
80	25/50/100
100	25/50/100
160	35/50

Underground PVC-u Drainage Systems



- Available in solid or perforated
- PVC-u drainage systems to BS EN1401-1, produced in a diameter range from 82mm to 315mm.



Flexible Couplings and Patch Repair Kits

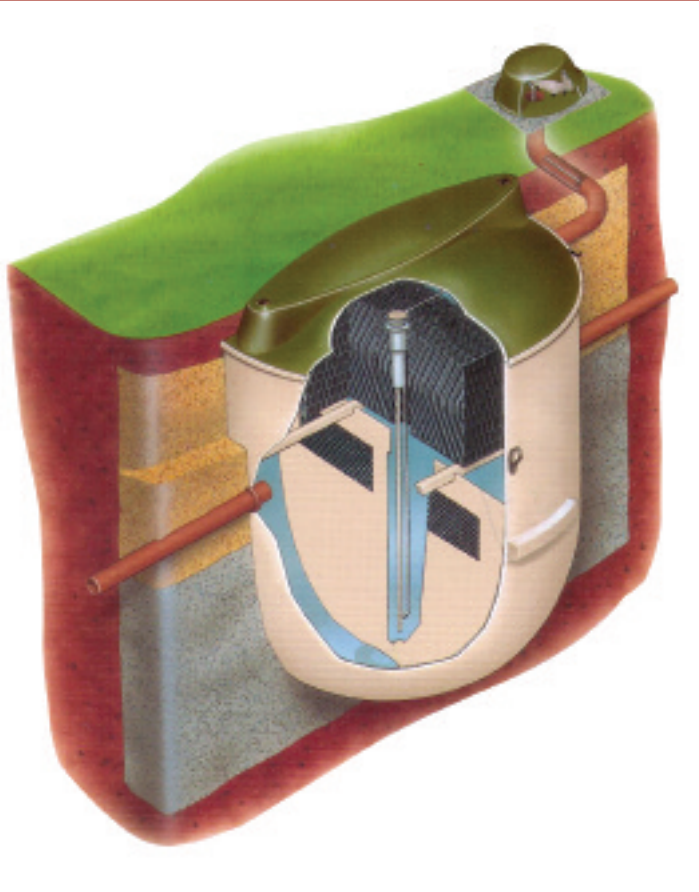
We offer a full range of flexible couplings for the sewerage, drainage and plumbing industries to connect any pipe to another.

Plastech provide a reliable and cost effective system for the permanent and watertight localised repair of sewers and drains by the No-Dig technique. By eliminating the need for costly and often disruptive excavation these Kits save the contractor time and money.



Septic Tanks

- Below ground installation.
- No mechanical or electrical components within the plant.
- Single tank unit delivered direct to site.
- Quiet in operation.
- Low running costs.
- Deep inverts available on request.
- Hydraulic surge control.
- Low cost after sales service.
- Manufactured under the quality procedures of BS EN ISO 9002.
- Low visual impact pedestrian duty cover.



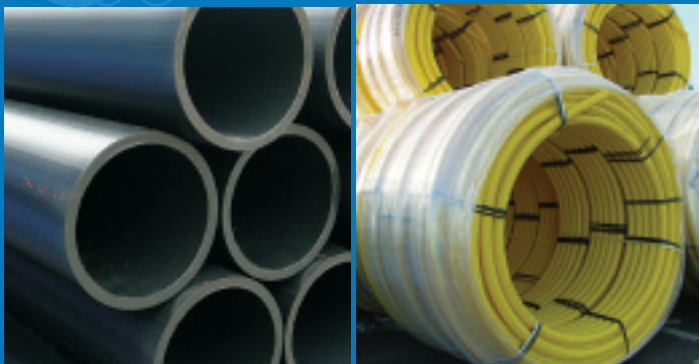
Sewage Treatment Plants

Applications

- Biotec package sewage treatment plants from a 4 person household to a population equivalent of multiple units.
- Individual houses.
- Small developments.
- Offices & Commercial properties.
- Upgrading existing septic tanks.

MDPE/HPPE Pressure Pipe Systems

- We supply a wide range of blue MDPE (to BS6572 for potable water) and black MPDE (to BS6730 for non potable water) from 20mm to 63mm. (Larger sizes available upon request)
- We can also supply gas pipe to GIS PL2:2
- All diameters are available in coil sizes of 25m, 50m, 100m and 150m.
- MDPE compression and push fit fittings are available in 20mm to 110mm diameters with a 12 bar pressure rating.
- Adaptor inserts are available to connect 20mm to 63mm black MDPE pipes to BS6730 and to other materials such as copper, lead etc.

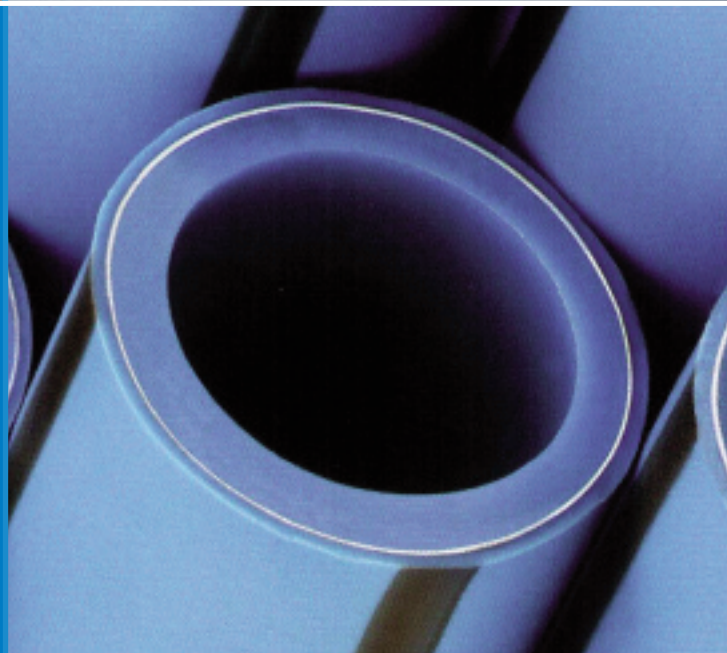


Protectaline/Puriton

The innovative solution for the safe transport of potable water through brownfield sites. These products are unique polyethylene pipe systems developed specifically for carrying drinking water through contaminated brownfield land. With WRc approval throughout there is total peace of mind that these systems provide the highest standards of safety demanded by customers, the water companies and legislation. Combined with all the installation benefits of polyethylene pipe, these products provide a lightweight, flexible material that is fast and easy to install.

Benefits include:

- Impermeable Barrier
- Quick Installation
- Cost Effective Solution
- Corrosion Resistant



Available in coils and sticks, and are suitable for jointing using mechanical, electrofusion or butt-fusion methods.

Clayware

The Naylor Densleeve underground drainage system of DN100, 150, 200, 225 and 300 plain-end vitrified clay pipes and fittings with flexible sleeve coupling, was developed for building drainage and associated sewerage and is all manufactured to comply with the stringent requirements of BS EN295.

100
300



Clayware		
Size (DN)	Strength Kn/M	Length
100	34	1.6M
150	40	1.75M
200	56	1.75M
225	45	1.75M
250	70	1.75M
300	72	2M

Gas and Electric Meter Boxes

Built-In (Flush Fitted) Gas Meter Box

The built-in gas meter box houses all domestic U6 and G4 meters and is designed to mirror to standard flush fitted electric meter box. This box is fully approved to National Grid Gas (Transco) specifications. 409mm wide x 595mm high x 210mm deep. Brickwork opening size: 370mm x 530mm x 150mm.

Surface Mounted Gas Meter Box Mk2

Popular for use in conversions, or for when there is no cavity to build into, the surface mounted gas meter box can be used as a replacement cover for a broken meter box when the back plate is removed. This meter box is fully approved to National Grid Gas (Transco) specifications. 408mm wide x 503mm high x 224mm deep.

Standard Flush Fitted (Built-In) Electric Meter Box

The most popular electric meter box, the standard flush fitted electric meter box houses any domestic electric meter and is designed to mirror the standard built-in gas meter box. With customer choice of cable entry positions this universal version can be used in any area of the UK. Overall size: 409mm wide x 595mm high x 210mm deep. Brickwork opening size: 365mm x 535mm x 150mm.

Surface Mounted Electric Meter Box

Used primarily for conversions where it is not appropriate to build into the wall. Overall size: 400mm wide x 600mm high x 220mm deep.



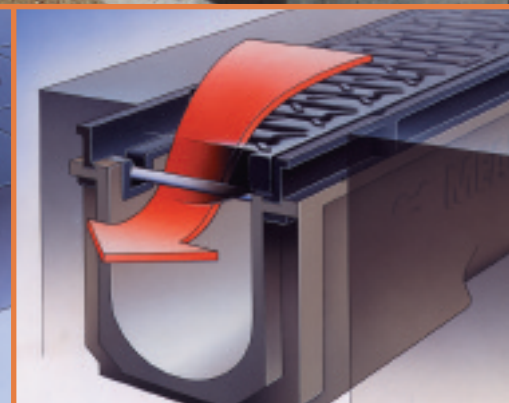
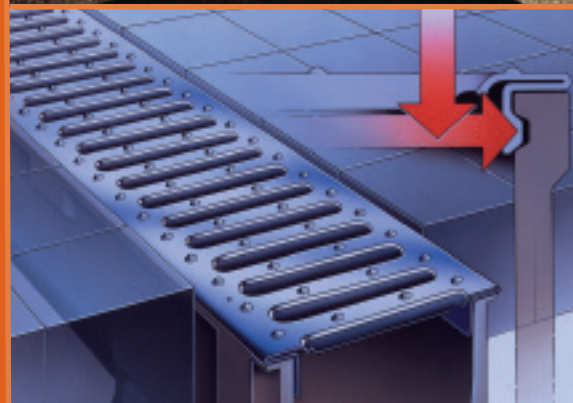
Standard Flush Fitted
(Built-In) Electric Meter Box



Surface Mounted Gas Meter Box

Channel Drainage

- A comprehensive range with many possible combinations, provides an optimum individual and economical solution for every field of application and every problem.
- Made from high quality polymer concrete.
- Also available in plastic with plastic/galvanised grating
- Quick, simple and straightforward to install.
- A15 TO F900 loadings available.



Twin Wall Pipes

- Available in the widest size range of any pipe product, Twin Wall Pipes give you the advantage of light weight, easy installation and high durability at low cost.
- A full range of fittings enable you to connect to all types of existing pipes in any old material.
- All joints can be sealed using rubber rings and push fit couplings.
- Twin Wall Pipes can be supplied purpose made to your requirements or can be bought as 6m lengths of pipe to be constructed on site using conventional methods.
- Suitable for surface water drainage (BBA certified) and adoptable sewer applications (Kite mark certified).



Twin Wall Pipes			
I.D.mm	O.D.mm	I.D.mm	O.D.mm
100mm	118mm	450mm	515mm
125mm	146mm	500mm	570mm
150mm	177mm	600mm	675mm
200mm	234mm	750mm	873mm
225mm	260mm	900mm	1025mm
300mm	351mm	1050mm	1200mm
400mm	466mm		



Cast Iron/Ductile Iron Covers and frames

- We supply a range of covers and frames in various materials.
- Manhole covers are available in both solid top and double triangular.
- Gully Grates and Frames available in hinged and double triangular.

Loadings

A15

B125

C250

D400

Aluminium
Cast Iron
Ductile Iron



Aquavoid Storage Crates

The SCS Aquavoid storage crates have been specially developed for the management of surface water by the use of both infiltration and attenuation methods. Rainwater can be directed into the units via an underground pipe system to provide temporary attenuation and controlled release to either outlet or infiltrated into the surrounding ground. They are even able to be positioned beneath a pervious surface for outfall directly into the storage ready for further infiltration or attenuation.

Water is guided into the system either by pipes or by direct infiltration, the makeup of the Aquavoid units prevent surges in the water and dramatically slows down the velocity allowing silts to separate out.

For Infiltration systems: If surrounded in a geotextile (180g needle punched non woven – NOT heat treated), the stored water gradually infiltrates into the surrounding soil. A BRE365 test is recommended to establish infiltration rates, which would indicate the storage volume required.

For attenuation systems: The units are surrounded in a 1mm thick highly flexible fully welded geomembrane with a 180g geotextile protective fleece on each side of the membrane. This allows the surface water to be stored and released either by an orifice plate or a vortex flow control in a controlled manner after the first flush of the storm has passed.



Plastech has been established to provide a dedicated approach to the supply of products for the construction, civil engineering and agricultural industries. The skills and experience of the management team and our extensive supply network enable us to offer one of the most comprehensive and diverse ranges of plastic products in the industry.

From our strategically placed facilities, situated close to the North West and South East motorway networks, we offer nationwide coverage and can respond to the most demanding of schedules and specifications within hours.

Plastech is committed to a substantial programme of capital investment and will continue to offer the most advanced and diverse range of products to the industry, manufactured to the highest standards and certified to BSI, BBA and WIS standards.



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