

Product Selector 2021



Since being established in 2004 to supply plastic drainage products into the Building and Agricultural Industries, we have expanded our range of products to meet the ever growing demand for eco friendly homes and Self-build projects. Excellent customer service is at the heart of what we do; offering fast delivery times, comprehensive advice and competitive prices. Due to our network of suppliers we are able to deliver direct all over the UK and for jobs closer to our base in Bidford on Avon can deliver from our purpose built warehouse. We welcome you to visit us as we stock a number of our products for immediate collection.



Call **01789 491 200**

Email **sales@pipetek.co.uk**Visit **www.pipetek.co.uk**

See us 33B Waterloo Ind Est, Bidford on Avon, B50 4JH

Contents

PVC Drainage	3	Fuel Tanks	32
Pipe, Couplers, Bends & Branches, Plugs &	3	Diesel Dispensers	32
Rodding Eyes	6	Heating Oil Tanks	33
Inspection Chambers	0	Ducting	35
Gullies, Flexible Couplers & Backflow Prevention	7	Duct Pipe, Coils, Fittings and Access Boxes	35
Soakaway & Attenuation	9	Water Supply	37
Perforated PVC Pipe	9	Pre-insulated Water Pipe	37
Soakaway Crates, Shoebox Liners, Flow Control Devices	10	Water Pipe, Barrier Pipe, Gas Pipe	38
		Mechanical Water Pipe Fittings	39
Twin Wall Drainage	11	Electrofusion Water Pipe Fittings	47
Perforated & Unperforated Twin Wall Pipe	11	Irrigation Pipe & Fittings	51
Bends, Branches & Fabricated Fittings	12	Manhole Covers & Channel	52
Land Drainage	14	Steel Manhole Covers	53
Perforated & Unperforated Coiled Pipe &	14	Iron Manhole Covers	55
Fittings, Fibreglass Headwalls, Filter Sock		Channel Drainage	57
		Chariner Drainage	
Concrete & Clay	15	Guttering	61
Concrete & Clay Concrete & Clay Pipe	15	-	
		Guttering	61
Concrete & Clay Pipe	15	Guttering Standard PVC Gutter & Downpipe	61 61
Concrete & Clay Pipe Concrete Manhole Sections	15 16 17	Guttering Standard PVC Gutter & Downpipe Standard PVC Soil Vent Pipe System	61 61 67
Concrete & Clay Pipe Concrete Manhole Sections Off-Mains Drainage	15 16	Guttering Standard PVC Gutter & Downpipe Standard PVC Soil Vent Pipe System Cast Iron Effect Gutter & Downpipe	61 61 67 69
Concrete & Clay Pipe Concrete Manhole Sections Off-Mains Drainage Sewage Treatment Plants, Septic Tanks & Cesspools Pumping Stations	15 16 17	Guttering Standard PVC Gutter & Downpipe Standard PVC Soil Vent Pipe System Cast Iron Effect Gutter & Downpipe Cast Iron Effect Soil Vent Pipe	61 61 67 69 77
Concrete & Clay Pipe Concrete Manhole Sections Off-Mains Drainage Sewage Treatment Plants, Septic Tanks & Cesspools	15 16 17 17	Guttering Standard PVC Gutter & Downpipe Standard PVC Soil Vent Pipe System Cast Iron Effect Gutter & Downpipe Cast Iron Effect Soil Vent Pipe Metal Rainwater Systems	61 61 67 69 77 78
Concrete & Clay Pipe Concrete Manhole Sections Off-Mains Drainage Sewage Treatment Plants, Septic Tanks & Cesspools Pumping Stations	15 16 17 17 21	Guttering Standard PVC Gutter & Downpipe Standard PVC Soil Vent Pipe System Cast Iron Effect Gutter & Downpipe Cast Iron Effect Soil Vent Pipe Metal Rainwater Systems Agriculture	61 61 67 69 77 78
Concrete & Clay Pipe Concrete Manhole Sections Off-Mains Drainage Sewage Treatment Plants, Septic Tanks & Cesspools Pumping Stations Water Storage Tanks	15 16 17 17 21 23	Guttering Standard PVC Gutter & Downpipe Standard PVC Soil Vent Pipe System Cast Iron Effect Gutter & Downpipe Cast Iron Effect Soil Vent Pipe Metal Rainwater Systems Agriculture Drinkers & Troughs	61 61 67 69 77 78 79
Concrete & Clay Pipe Concrete Manhole Sections Off-Mains Drainage Sewage Treatment Plants, Septic Tanks & Cesspools Pumping Stations Water Storage Tanks Underground Rainwater Harvesting Systems	15 16 17 17 21 23	Guttering Standard PVC Gutter & Downpipe Standard PVC Soil Vent Pipe System Cast Iron Effect Gutter & Downpipe Cast Iron Effect Soil Vent Pipe Metal Rainwater Systems Agriculture Drinkers & Troughs Equestrian Feeders & Accessories	61 61 67 69 77 78 79 79
Concrete & Clay Pipe Concrete Manhole Sections Off-Mains Drainage Sewage Treatment Plants, Septic Tanks & Cesspools Pumping Stations Water Storage Tanks Underground Rainwater Harvesting Systems Aboveground Water Storage Tanks	15 16 17 17 21 23 23 25	Guttering Standard PVC Gutter & Downpipe Standard PVC Soil Vent Pipe System Cast Iron Effect Gutter & Downpipe Cast Iron Effect Soil Vent Pipe Metal Rainwater Systems Agriculture Drinkers & Troughs Equestrian Feeders & Accessories Agricultural Feeders & Storage Solutions	61 61 67 69 77 78 79 79
Concrete & Clay Pipe Concrete Manhole Sections Off-Mains Drainage Sewage Treatment Plants, Septic Tanks & Cesspools Pumping Stations Water Storage Tanks Underground Rainwater Harvesting Systems Aboveground Water Storage Tanks Commercial Tanks	15 16 17 17 21 23 23 25 27	Guttering Standard PVC Gutter & Downpipe Standard PVC Soil Vent Pipe System Cast Iron Effect Gutter & Downpipe Cast Iron Effect Soil Vent Pipe Metal Rainwater Systems Agriculture Drinkers & Troughs Equestrian Feeders & Accessories Agricultural Feeders & Storage Solutions Wheelbarrows & ATV Trailers	61 61 67 69 77 78 79 81 82 84





Pipe



Size	Single	Socket	Plain I	Ended
110mm	3m	6m	3m	6m
160mm	3m	6m	3m	6m
200mm	3m	6m	3m	6m
250mm	3m	6m	61	m
315mm	3m	6m	61	m
400mm	3m	6m	61	m

Centre Stop Coupler



Sizes available		
110mm		
160mm		
200mm		
250mm		
315mm		
400mm		

Slip Coupler



Single Socket Bends





Size		Angle A	vailable	
110mm	11°	22°	45°	90°
160mm	11°	22°	45°	90°
200mm	15°	30°	45°	90°
250mm	15°	30°	45°	90°
315mm	15°	30°	45°	90°
400mm	15°	30°	45°	90°

Double Socket Bends





Size		Angle A	vailable	
110mm	11°	22°	45°	90°
160mm	11°	22°	45°	90°

Double Socket Rest Bends

Size	Angle Available
110mm	90°



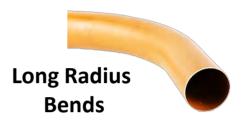


Adjustable Bends



Size	Angle	Socket
110mm	0 to 30°	Single
110mm	0 to 30°	Double
110mm	0 to 90°	Double

Size	Socket		Angle A	vailable	:
110mm	Plain End	11°	22°	45°	90°
110mm	Single	11°	22°	45°	90°
160mm	Plain End	11°	22°	45°	90°
160mm	Single	11°	22°	45°	90°



Tee Branch



Size	Socket	
110mm	Double	Triple
160mm	Double	Triple
200mm	Douk	ole
250mm	Double	
315mm	Double	

"Y" Branch











Rodding Points

Size	Style
110mm	Aluminium Spigoted
110mm	Aluminium Socketed & Sealed
160mm	Aluminium Socketed & Sealed

Access Fittings

Description	Sizes Ava	ilable
90° Access Bend	110	mm
Access Pipe S/S	110mm	160mm
Access Cap	110mm	160mm





Reducing "Y" Branch



Size	Reduces to	Socket
160mm	110mm	Double
200mm	160mm	Double
20011111	110mm	Double
	200mm	
250mm	160mm	Double
	110mm	
	250mm	
21 F m m	200mm	Double
315mm	160mm	Double
	110mm	
400mm	315mm	Double



Reducing Tee Branch

Size (Spigot)	Reduces to (Socketed)
160mm	110mm
200mm	160mm
250mm	200mm
315mm	250mm
400mm	315mm

Level Invert Reducer



Size Socket 110mm Plugs 160mm

200mm 250mm 315mm 400mm



ALSO AVAILABLE













280mm Diameter Access Chambers



For 110mm drainage layouts with inverts of up to 600mm. Meets Building Regulations Part H1.





Chamber	Inlets	Riser		Lid
Type	illets	Height	Туре	Load Duty
Standard	2 x 110mm	185mm	Double Sealed	Pedestrian
90 degree	In & Out only	185mm	Double Sealed	Pedestrian

315mm Diameter Access Chambers

For 110mm drainage layouts with inverts of up to 600mm. Meets Building Regulations Part H1.

Inlets	Riser		Lid
illets	Lloight	Туре	Load Duty
4 x 110mm	185mm	Square Double Sealed	Pedestrian or Driveway







450mm Diameter Access Chambers

For 110mm & 160mm drainage layouts with inverts of up to 1200mm. Meets Building Regulations Part H1.







Pipe Size	Inlets	Riser Height	Lid
110mm	4 x 110mm	300mm	Driveway Duty Round or Square
160mm	2 x 160mm 2 x 110mm	300mm	Driveway Duty Round or Square





Roddable Back Inlet Gully Bottle



Size	Item
110mm	Bottle with Round Hopper & Grid
110mm	Bottle with Rectangular Hopper & Grid
110mm	Bottle with Square Hopper & Grid
N/A	Raising Piece
N/A	Spare Round Hopper & Grid
N/A	Spare Rectangular Hopper & Grid
N/A	Spare Square Hopper & Grid
N/A	Paving Collar (for use with Square Hopper & Grid)

^{*}Suitable for Pedestrian areas only

Tubular Gullies & Hoppers

Code	Size	Style
B1013	110mm	Low Trapped 'Tick' Gully
B1300	110mm	Low Trapped 'P' Gully
B1031	110mm	Integral Rectangular Hopper
B1061	110mm	Solvent Socket Hopper 160mm Square
B1077	110mm	Square Hopper with Outlet



Grids & Sealing Plates













Item	Dimensions
Square Alloy Grid	160mm x 160mm
Square Plastic Grid	160mm x 160mm
Hinged Square Alloy Grid	160mm x 160mm
Round Alloy Grid	200mm diameter
Round Plastic Grid	200mm diameter
Square Alloy Sealing Plate	160mm x 160mm
Round Alloy Sealing Plate	200mm diameter





Outlet Size	Item	Dimensions
110mm	Yard gully	300mm Ø x 600mm
N/A	Aluminium Silt Bucket	Suits 300mm Ø gully
160mm	Road gully	450mm Ø x 750mm
160mm	Road gully	450mm Ø x 900mm

Yard & Road Gullies



Flexible Couplers





DC COUPLING SC COUPLING

Size Range	Width
100 – 115mm	100mm
120 – 135mm	120mm
150 – 175mm	136mm
175 – 200mm	150mm
	100 – 115mm 120 – 135mm 150 – 175mm

Item	Size Range "A"	Size Range "B"	Width	Typical Use
AC4000	121 – 136mm	110 – 121mm	100mm	4" Clay to 110mm Plastic
AC1922	170 – 192mm	110 – 122mm	120mm	6" Clay to 110mm Plastic
AC6000	180 – 200mm	160 – 180mm	150mm	6" Clay to 160mm Plastic

Flexible Adaptors





Valves



FLOOD FLAP



NON-RETURN VALVE



SLUICE VALVE

Description	Socket	Sizes Av	/ailable
Flood Flap	Single	110mm	160mm
Non-return Valve	Single	110mm	160mm
Sluice Valve	Solvent Double	110	mm

For the full range of fittings please ask for a catalogue



Perforated PVC Pipe



Half perforated PVC drainage pipe, ideal for drainage fields and for draining ground water.

Size	Length
110mm	6m Socketed
160mm	6m Socketed

Infiltration Systems

Local rainwater infiltration is often required by law. As more and more ground is sealed with buildings, car parks and roads, the sewer system is having to work harder and the risk of flooding increases. Infiltration systems



make sense both ecologically and economically because they take the strain off the sewer network and save surface water drainage charges.

Infiltration modules, also known as soakaway crates or attenuation crates, are structurally strong, individual modular cells which can be built up to form a structure of any shape or size. For soakaway applications, where soil conditions allow, when wrapped in a permeable geotextile they will slowly release the water back into the surrounding soil. For attenuation applications also be used to form an attenuation tank, when used with an impermeable membrane liner.

6 3 2

How Infiltration Systems Work

- Soil Properties permeability of the soil is key to the efficiency and size of the system
- 2. Prefilter prevents contamination of the system
- 3. Ditch Body where the rainwater accumulates
- Geotextile Protects system from penetration of dirt and roots
- Ventilation as water enters the ditch, the air it displaces escapes via ventilation pipe
- Regulator/Inspection Shaft for regulating outfall of retention systems, or for jetting soakaway systems



Soakaway & Attenuation Crates









RainBox 3S PSM1A EcoBloc RainBloc

Crate	Size (L x W x H)	Load Rating*	Capacity	Crates required per m3
RainBox 3S	1200mm x 600mm x 420mm	12 Tonne	300 Litres	3.3
Polystorm PSM1A	1000mm x 500mm x 400mm	40 Tonne	190 Litres	5
Graf EcoBloc	800mm x 800mm x 390mm	40 Tonne	225 Litres	4
Graf RainBloc	1200mm x 600mm x 420mm	60 Tonne	300 Litres	3.3

^{*}Load ratings are subject to minimum and maximum burial depths



Liners & Shoeboxes

Impermeable membrane used to line attenuation tanks. Available in rolls, or cut to the size of your tank (known as a shoebox).

Geotextile Protection Fleece

Non-woven geotextile used as a protection fleece for attenuation systems, and to prevent penetration of soil & roots into soakaway systems.





Flow Control Valves & Chambers

Available as a valve to sit inside a chamber or complete with chamber. Please let us know:

- Required discharge rate (litres per second)
- Minimum operating head (usually the height from the top of tank to the outlet)
- Chamber size





Ribbed on the outside, smooth on the inside, this is a robust and durable pipe, ideal for culverts.

- Available perforated or unperforated to suit your application
- Sealing rings available for watertight applications
- A range of bends, branches, reducers and adaptors available
- Plastic manhole chambers to suit can be fabricated

Unperforated Pipe

Size (I.D)	O.D	Length
94mm	110mm	6m
150mm	180mm	6m
225mm	268mm	6m
300mm	355mm	6m
375mm	426mm	6m
450mm	510mm	6m
600mm	675mm	6m

Perforated Pipe

Size (I.D)	O.D	Length
94mm	110mm	6m
150mm	180mm	6m
225mm	268mm	6m
300mm	355mm	6m
375mm	426mm	6m
450mm	510mm	6m
600mm	675mm	6m

Half Perforated Pipe

Size (I.D)	O.D	Length
150mm	180mm	6m
225mm	268mm	6m
300mm	355mm	6m
375mm	426mm	6m
450mm	510mm	6m
600mm	675mm	6m

Large Diameter XL Pipe

Large diameter pipe with unique Integrated socketing system, available unperforated, fully perforated or half perforated in SN2, SN4 and SN6 strength options. Can typically be installed with cover depths from 0.6 to 10m.

Size (I.D)	O.D	Length
750mm	848mm	6m
900mm	1024mm	6m
1050mm	1200mm	6m



- Lightweight when compared to traditional materials such as concrete or steel (up to 90% lighter than concrete)
- Fully leak tested to HAPAS requirements when used with rubber gaskets.









Reducers

Size	Reduces to
225mm	150mm
300mm	225mm
30011111	150mm

FITTINGS FOR SIZES FROM 375MM AND UPWARDS ARE FABRICATED TO ORDER - PLEASE LET US KNOW YOUR REQUIREMENTS

Bends









Size		Angles A	vailable	
150mm	15°	30°	45°	90°
225mm	15°	30°	45°	90°
300mm	15°	30°	45°	90°

Equal Branches

Size	Branch Available		
150mm	Tee (90°)	"Y" (45°)	
225mm	Tee (90°)	"Y" (45°)	
300mm	Tee (90°)	"Y" (45°)	





Unequal Branches





Size	Reduces to	Branch Available	
225mm	150mm	Tee (90°)	"Y" (45°)
300mm	225mm	Too (00°)	"\" (AE°\
Soumm	150mm	Tee (90°)	"Y" (45°)





Fabrications

A range of bespoke fittings can be fabricated to suit your requirements - please just let us know what you need.

Examples include:

- Long Radius Bends
- Inspection Chambers & Catchpits
- Saddle Branches
- Reducers
- Gate Valves & Flap Valves
- End Caps
- Bends & Branches for pipework 375mm and upwards

Item	Size Range	Width	Suits JFC
DC115	100 – 115mm	100mm	94mm (110mm OD)
SC200	175 – 200mm	150mm	150mm (178mm OD)
SC275	250 – 275mm	150mm	225mm (265mm OD)
SC360	335 – 360mm	190mm	300mm (354mm OD)
SC445	420 – 445mm	190mm	375mm (426mm OD)
SC525	500 – 525mm	190mm	450mm (512mm OD)

Flexible Couplers



MDC COUPLING

MSC COUPLING

NEED TO CONNECT ONTO CLAY OR CONCRETE PIPE?
PLEASE LET US KNOW THE OUTSIDE DIAMETER
(IN MM) OF THE PIPE YOU NEED TO CONNECT TO



Lateral Connectors

For connecting smooth walled pipe to twin wall. Available to suit 110mm, 160mm and 200mm PVC pipe. Twin wall pipe must be minimum diameter of 300mm.





Corrugated coiled, flexible single walled polypropylene pipe used for the collection and removal of surface water. Available perforated or unperforated, ideal for field drainage.

Perforated

Diameter	Coil Lengths		
60mm	50m		150m
80mm	25m	50m	100m
100mm	25m	50m	100m
160mm	35m	50m	

Unperforated

Diameter	Coil Lengths	
60mm	15	0m
80mm	50m	100m
100mm	50m	100m
160mm	35m	50m



Land Drainage Fittings

Fitting	For sizes				
Connector	60mm	80mm	100mm	160mm	
Multi-Junction	Suits 60mm, 80mm & 100mm				
Maxi-Junction	160mm with spur for 60mm to 160mm				
End Caps	60mm	80mm	100mm	160mm	

Also Available







Precast Fibreglass Headwalls

Fibreglass Drain Ditch Inlet





Diameter	Length
225mm	1.25m
200,000	1.25m
300mm	2.5m
375mm	2.5m
450mm	2.5m
525mm	2.5m
600mm	2.5m

Diameter	Length
675mm	2.5m
750mm	2.5m
825mm	2.5m
900mm	2.5m
1050mm	2.5m
1200mm	2.5m
1350mm	2.5m

Flexible Jointed Concrete Pipe





Clay Pipe & Fittings

Pipe Diameter	Length Available
100mm	1.75m
150mm	1.75m
225mm	1.75m
300mm	2.0m

Fittings Available

include

- Collars
- **Bends**
- **Square & Oblique Junctions**
- **Saddles**
- **Gullies & Traps**
- Channel

FOR LARGER DIAMETERS PLEASE ASK



Wall Seals

Ideal for sealing pipe openings in chambers, tanks & walls. For sizes 110mm to 250mm.





Flexible Saddles

connecting smooth walled pipes from 110mm diameter, 200mm to diameter & upwards.



Repair Kits

For 295mm diameter and upwards.



Chamber Rings



Diameter	Depth				Stepped
900mm	0.5m	0.75	m	1.0m	No
1050mm	0.25m	0.5m	0.75m	1.0m	Yes
1200mm	0.25m	0.5m	0.75m	1.0m	Yes
1350mm	0.5m	0.75	m	1.0m	Yes
1500mm	0.5m	0.75	m	1.0m	Yes
1800mm*	0.5m		1.01	m	Yes

Diameter	Depth			Stepped	
900mm	0.5m	0.75	im	1.0m	No
1050mm	0.25m	0.5m	0.75m	1.0m	Yes
1200mm	0.25m	0.5m	0.75m	1.0m	Yes
1500mm	0.5m	0.75	im	1.0m	Yes
1800mm*	0.5m		0.75	im	Yes

Perforated Concrete Rings



Cover Slabs



Diameter	Clear Opening		
900mm	600 x 600mm		
1050mm	600 x 6	600mm	
1200mm	600mm x 600mm	675mm x 675mm	
1350mm	600mm x 600mm	675mm x 675mm	
1500mm	600mm x 600mm	675mm x 675mm	
1800mm*	600mm x 600mm	675mm x 675mm	

Clear Opening		Depth	
600 x450mm	150mm	225mm	300mm
750 x 600mm	150mm	225mm	300mm
1000 x 675mm	150mm		225mm

Rectangular Risers



LARGER SIZES AVAILABLE PLEASE LET US KNOW YOUR REQUIREMENTS

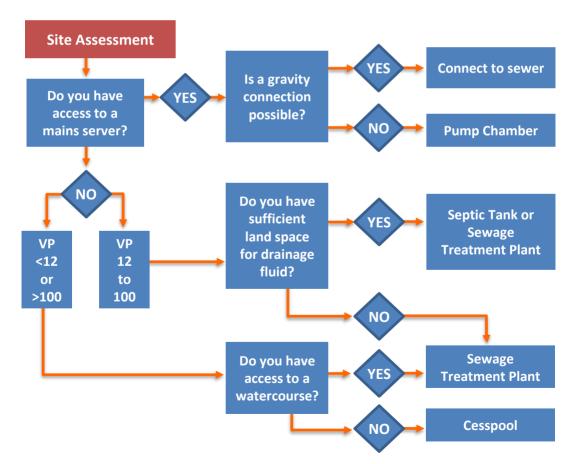


Off-Mains Drainage

To ensure selection of the correct sewage treatment and disposal method to meet your requirements, expert advice should be sought. In all instances, a sewage treatment plant should be considered as the first option.



Environmental Regulators and British Water have developed the system selection process below, to help in guiding you through the process to choose the correct system to meet your developed the system selection process below, to help in guiding you through the process to choose the correct system to meet your requirements.





BioDisc Treatment Plants

Model	Population Equivalent	Pumped Outlet	Inle	t Invert D Available	•
ВА	6	Available	450mm	750mm	1250mm
BA-X	9	Available	450mm	750mm	1250mm
ВВ	12	Available	450mm	750mm	1250mm
ВС	18	Not Available		600mm	



Engineered to treat wastewater to the highest level of standards, whilst offering low lifetime costs in comparison to other treatment processes.

Central to the operation of the BioDisc is the Rotating Biological Contactor (RBC) which supports a biologically active film or biomass onto which aerobic micro-organisms, naturally found in sewage, become established.

Solids enter a primary zone where they are settled and retained, remaining until de-sludging is required. Partially clarified liquor containing fine suspended solids then flows upwards into the first stage Biozone for breaking down by micro-organisms on the RBC. Suspended solids return to the primary settlement zone and the liquor is transferred to the second stage Biozone for further treatment. The clean liquor then passes into the final settlement tank, from where the resulting effluent can be discharged to ground or water course.



Economy Treatment Plants

Model	Population Equivalent	Pumped Outlet	Inlet Inve	ert Depth
E1	6	Available	1m	1.5m
E1-X	9	Available	1m	1.5m
E2	12	Available	1m	1.5m
E3	18	Available	1m	1.5m

Treatment plant that utilises an exterior air pump. Treats sewage using the well-proven aerobic biological process, taking place in three stages;

Firstly, coarse solids are filtered and retained for gradual breakdown. Then, the resulting liquid is continuously distributed over a plastic suspended filter by an integral lift, powered by a remotely sited blower. Finally, the solids are allowed to settle, and under normal domestic conditions, treated water of 20mg/l BOD, 30mg/l S.S., 20mg/l Ammonia can be achieved.



Bioficient Treatment Plants



Model	Pop. Equivalent	Pumped Outlet	Inlet Invert Depti		Depth
1	6	Available	0	.5m to 0.8	8m
3	10	Available	0.5m	1.0m	1.5m
4	15	Available	0.5m	1.0m	1.5m
5	20	Not Available	0.5m	1.0m	1.5m
6	30	Not Available	0.5m	1.0m	1.5m

Treats sewage in a simple and efficient system comprising three treatment zones within a 'uni-tank' design.

- 1) Primary Zone where gross solids and other social debris settle to bottom of tank, remaining there until desludging is required. Settled sewage enters first of two sequential moving aerated reactors.
- 2) Biozone 1 & 2 where solids are broken down. Media and liquid are circulated through the use of a compressor and diffuser, which introduces fresh air to each compartment. Liquor is constantly recirculated and is purified as it contacts the moving media.
- 3) Settlement tank where fine solids are settled out. Final effluent is discharged via either gravity or pumped outlet. With regulatory approval it can be discharged to a watercourse or drainage field.

Capacity (Litres)	Population Equivalent	Inlet Invert Depth
2,800	5	1m
3,800	12	1m
4,600	17	1m

Alpha Septic Tanks

A traditional solution to sewage disposal needs for domestic dwellings without access to mains drainage.

Sewage enters the septic tank into a settlement chamber, allowing solid waste (sludge) to sink and liquid to rise to the surface. This surface liquid makes contact with oxygen and the organic matter starts to breakdown biologically.



This liquid still contains sewage but in small enough particles to be carried through the discharge outlet and into the ground (soakaway).

Supplied with a pedestrian duty cover and frame.





Capacity (Litres)	Population Equivalent	Inlet Invert Depth
2,800	5	0.5m
3,800	12	0.5m
5,700	24	0.5m
7,150	34	0.5m
9,150	47	0.5m

Shallow Dig Septic Tank

A perfect solution for installation in hard rock areas where deep digs are just not possible, that can also be backfilled with pea gravel for dry sites.

Capacity (Litres)	Population Equivalent	Inlet Invert Depth
2,800	5	550 - 1050mm
3,500	10	550 - 1050mm
4,000	13	550 - 1050mm



Gamma Septic Tank

Manufactured from tough polyethylene, robust and lightweight, with trimmable neck to reduce installation time and costs.



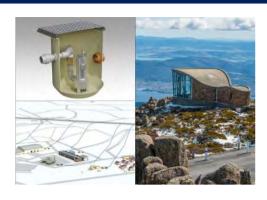
Below Ground Storage Tanks

A reliable solution for the collection and retention of sewage (cesspool), surface water, veterinary/animal waste, firefighting reservoirs, and rainwater harvesting reservoirs.

Can also be supplied with special linings for storage of silage effluent, higher octane fuels, and agricultural & farm waste.

Nominal Capacity	Length	Diameter
18,000 Litres	4.4m	2.6m
22,000 Litres	5.1m	2.6m
26,000 Litres	5.9m	2.6m
34,000 Litres	7.5m	2.6m
46,000 Litres	9.7m	2.6m
54,000 Litres	11.2m	2.6m
59,000 Litres	12.0m	2.6m
63,000 Litres	12.8m	2.6m
71,000 Litres	14.3m	2.6m
79,000 Litres	15.9m	2.6m





Pumping Stations

From basements to caravans, extensions to courtyards. If your property isn't connected to the sewer, or if it's below the sewer line, our pump systems will take care of all your water. sewage and effluent.

The system size depends on the type of waste you need to manage, your distance from the sewer and the difference in levels. Easy to

install and maintain, they can be used in properties both on and off the mains.

Prior to installation, there is a legal requirement to obtain permission from the appropriate agencies (including connection to a public sewer).

All Klargester pumping stations are suitable for pumping waste water effluent and sewage in accordance with BS756-2. They are also designed in line with Building Regulations for Foul Drainage. Your system size will depend on the type of waste you need to manage, your distance from the sewer and the difference in levels.

Klargester Compact and Domestic Pumping Stations are suitable for domestic properties, small commercial offices, remote classrooms, roof and surface water.

In order to specify a pump chamber, please let us know the following:

- → Your application: domestic, residential or commercial?
- → What are you pumping; sewage, treated effluent or surface water?
- → How far and how high do you need to pump it?
- Inlet depth (below ground level)?
- → Electrical supply?



Compact Pumping Stations

GRP chamber fitted with high quality pump, float switch, non-return valves, & pedestrian duty cover and frame. Ideal for outbuildings and extensions, cellars, pool houses and external WCs. Not suitable for 24-hour storage.

Three pump options;

Effluent Low Head, Effluent High Head and Sewage Vortex



Capacity (Litres)	Chamber Diameter	Chamber Height	Inlet Invert Depth	Pump
200	610mm	700mm	250mm	Single
400	560mm	1650mm	1250mm	Single

Pumpstor Domestic

GRP chamber fitted with high quality pump, float switch, non-return valves, & pedestrian duty cover and frame. Control panel also included. Appropriate for 24 hour storage.

Optional High Level Alarm is available.

Three material applications: Sewage, Effluent, or Surface Water

Capacity (Litres)	Chamber Diameter	Chamber Height	Inlet Invert Depth	Pui	mp
1,250	900mm	2080mm	1300mm	Single	Twin
1,600	900mm	2580mm	1800mm	Single	Twin





Pumpstor Domestic +

Polyethylene chamber fitted with high quality pump, float switch, non-return valves, & pedestrian duty cover and frame. Supplied with Control Panel and High Level Alarm as standard. Appropriate for 24 hour storage.

Three material applications: Sewage, Effluent, or Surface Water

Capacity (Litres)	Chamber Diameter	Chamber Height	Inlet Invert Depth	Pui	mp
1,450	1000mm	2000mm	1000mm	Single	Twin
2,200	1000mm	2500mm	1500mm	Single	Twin





Day after day, households use precious drinking water to flush the toilet, run the washing machine and water the garden. However, these applications do not actually require water of drinking quality. A rainwater harvesting system can provide a reliable supply of water for these uses, and can reduce drinking water consumption by around 50%.

Graf Rainwater Harvesting Systems

Supplied as a complete package, consisting of underground tank, submersible pump, and control modules (household packages only). Available in either Carat S tank or Platin Flat Tank with the following pump packages.

- **Garden Comfort** for garden irrigation. With easy hose connection.
- **EcoSmart** for household use. Automatically switches to mains when tank is empty.
- Professional for household use. With digital fill level display & in-house drinking water intake.

House Direct/Indirect - for household use. Indirect system uses header tank. Automatically switches to mains when tank is empty.

Capacity (Litres)	Max. Height	Length	Width	Max. Neck Height
2,700	2350mm	2080mm	1565mm	340mm
3,750	2540mm	2280mm	1755mm	340mm
4,800	2770mm	2280mm	1985mm	340mm
6,500	3050mm	2390mm	2190mm	340mm



Carat S Tank

Robust underground tank with rotating neck dome that allows for connections to be aligned independently of the tank. Multiple tanks can be linked for larger capacities.



Capacity (Litres)	Max. Height	Length	Width	Max. Neck Height
1,500	1355mm	2100mm	1250mm	340mm
3,000	1390mm	2450mm	2100mm	340mm
5,000	1605mm	2890mm	2300mm	340mm
7,500	1905mm	3600mm	2250mm	340mm

Platin Flat Tank

Underground tank with minimal installation depth. Multiple tanks can be linked for larger capacities.



Capacity	Overall Height	Length	Width	Inlet Invert
2,350 Litres	1770mm	3000mm	1180mm	720mm
3,100 Litres	2260mm	2480mm	1130mm	720mm
4,600 Litres	2260mm	3360mm	1215mm	720mm



Klargester Gamma Fully Integrated RWH System

Automatic in operation, this RWH system ensures an automatic supply of harvested rainwater for your home and garden. Available as a gravity system with an elevated header tank to store filtered water, or as a direct system without.

Suitable for Domestic Laundry, WC flushing, garden watering and vehicle washing.



Klargester AquaBank

Capacity	Dimensions mm (l x w x h)
1,200 Litres	1125mm x 1225mm x 2140mm
2,800 Litres	2070mm diameter x 2582mm (h)
3,800 Litres	2070mm diameter x 2811mm (h)
4,600 Litres	2070mm diameter x 2961mm (h)
6,000 Litres	4275mm x 1424mm x 2365mm

A simplified rainwater harvesting system suitable for single residential applications. Controlled by a pump, and suitable for either direct or gravity fed applications, the system does not require a control panel, display panel or depth sensor.

Suitable for Domestic Laundry, WC flushing, garden watering and vehicle washing.

Capacity	Diameter	Height (Base to outlet)
2,800 Litres	1905mm	1565mm
3,800 Litres	2070mm	1795mm
4,600 Litres	2080mm	2035mm



Klargester RainTrap

Economical RWH system designed to make garden watering simple. Filtered rainwater is stored in the underground tank, from where it is pumped at a constant pressure to a garden sprinkler or hose as required. When full excess water exits via a soakaway or surface water drain.

Suitable for Garden watering, Horticultural sprinkling and Small vehicle washing only.



Enduramaxx water tanks are rotationally moulded as a "one-piece" tank (at no stage is the roof removed and screwed back on) to ensure long term structural strength. Manufactured from UV-stabilised polyethylene, these impact resistant tanks are tough and do not rust or corrode.

Vertical Tanks

Self-supporting cylindrical tanks constructed of UV stabilised MDPE, with ribbed design for added strength.

Available as non-potable tank for rainwater harvesting, but can also be supplied with a Bye-law 30 kit for use as potable water storage tank).

Supplied as standard with lid and BSP threaded outlet.

Filter kits are available for rainwater harvesting – please let us know your roof area.







Capacity (Litres)	Height (mm)	Diameter (mm)	Outlet Size*
150	700	600mm	1.5"
300	1100	630	1.5"
500	1435	700	1.5"
720	2150	700	1.5"
1,250	1200	1200	1.5"
2,500	1800	1400	1.5"

Capacity (Litres)	Height (mm)	Diameter (mm)	Outlet Size*	Capacity (Litres)	Height (mm)	Diameter (mm)	Outlet Size*
3,000	1400	2135	2"	12,500	2600	2600	2"
4,000	1875	1900	2"	14,000	3083	2700	2"
5,000	2185	1900	2"	16,800	3410	2600	2"
5,500	1500	2600	2"	20,800	4150	2600	2"
6,000	2500	1900	2"	22,000	2600	3450	2"
7,000	1820	2400	2"	25,000	4650	2700	2"
8,500	2063	2600	2"	26,000	3250	3450	2"
10,000	2500	2400	2"	30,000	3450	3650	2"

*Larger outlets available on request



Horizontal Tanks

Ideal for both rainwater and potable water storage, available to meet the widest possible range of uses in rainwater harvesting and management.

Supplied as standard with lid and BSP threaded outlet.





Static Tanks

Black WRAS approved tank for low profile water storage across all sectors.

Dimensions L x W x H (mm)	Outlet Size
1295 x 840 x 850	1.5"
1420 x 1100 x 1020	1.5"
1875 x 1180 x 1200	1.5"
1956 x 1299 x 1300	1.5"
2240 x 1460 x 1470	2"
3038 x 1595 x 1550	2"
	L x W x H (mm) 1295 x 840 x 850 1420 x 1100 x 1020 1875 x 1180 x 1200 1956 x 1299 x 1300 2240 x 1460 x 1470



Transport Tanks

WRAS approved tank for transportation of water and other liquids across all sectors.

Capacity (Litres)	Dimensions L x W x H (mm)	Outlet Size
500	1190 x 1050 x 530	1.5"
700	1190 x 1050 x 725	1.5"
1,200	1880 x 1320 x 840	2"
1,500	1880 x 1320 x 985	2"
2,000	2150 x 1500 x 840	2"
3,000	2500 x 1700 x 1090	2"

Slimline Baffled Tanks

WRAS approved tank for space restrictive water storage. Ideal for domestic, commercial and agricultural use. Supplied with 1.5" BSP Threaded Outlet. Available in three profiles.



Flat



Horizontal







Capacity (Litres)	Dimensions L x W x H (mm)	Capacity (Litres)	Dimensions L x W x H (mm)	Capacity (Litres)	Dimensions L x W x H (mm)
400	1200 x 1050 x 400	400	1050 x 400 x 1200	400	1050 x 400 x 1200
500	1200 x 1050 x 500	500	1050 x 500 x 1050	500	1050 x 500 x 1200
800	1350 x 1200 x 600	800	1200 x 600 x 1200	800	1200 x 600 x 1350
1,000	1650 x 1200 x 600	1,000	1200 x 600 x 1200	1,000	1200 x 600 x 1650





Oil Separators

Oil separators, or interceptors, are installed on surface water drainage systems to protect receiving waters from pollution by oil, which may be present due to minor leaks from vehicles and plant, from accidental spillage.

Effluent from industrial processes and vehicle washing should normally be discharged to the foul sewer (subject to the approval of the

sewerage undertaker) for further treatment at a municipal treatment works. There are two 'classes' of separator, based on performance under standard test conditions.

CLASS I - Designed to achieve a concentration of less than 5mg/l of oil under standard test conditions, should be used when the separator is required to remove very small oil droplets.

CLASS II -Designed to achieve a concentration of less than 100mg/l oil under standard test conditions and are suitable for dealing with discharges where a lower quality requirement applies (for example where the effluent passes to foul sewer).

Both classes can be produced as full retention or bypass separators. The oil concentration limits of 5 mg/l and 100 mg/l are only applicable under standard test conditions. It should not be expected that separators will comply with these limits when operating under field conditions.

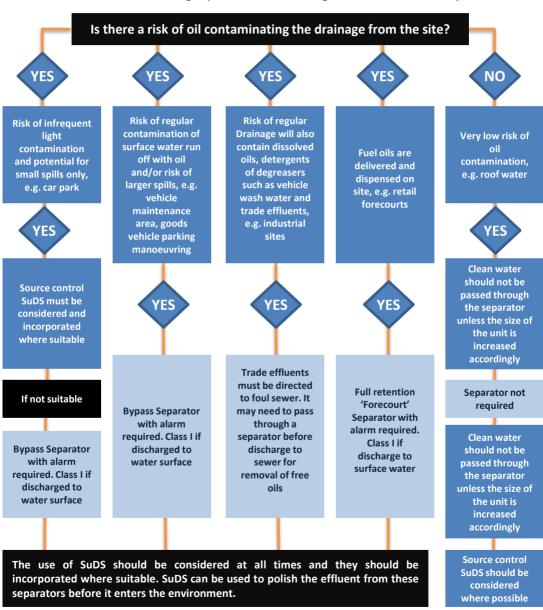
To specify a nominal size separator, please let us know the following:

- → Where the separator will be used
- → The calculated flow rate for the drainage area served. Designs are based on the assumption that any interconnecting pipework fitted elsewhere on the site does not impede the flow into or out of the separator and that the flow is not pumped
- → The drain invert inlet depth
- Pipework type, size and orientation



Choosing the Right Separator

The chart below gives guidance to aid selection of the appropriate type of fuel/oil separator for use in surface water drainage systems which discharge into rivers & soakaways.







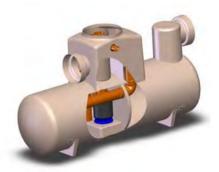
Full Retention Separators

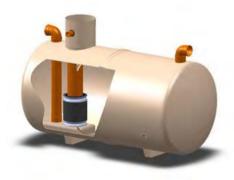
Treat the full flow that can be delivered by the drainage system.

Used in high risk spillage areas such as fuel distribution depots, vehicle workshops and scrap metal recycling yards.

Bypass Separators

Designed to treat the 'first flush' - 10% of peak flow. These separators are used when it is considered an acceptable risk not to provide full treatment for high flows, for example where the risk of a large spillage and heavy rainfall occurring at the same time is small. Typical applications include surface carparks, roadways and lightly contaminated commercial areas.





Forecourt Separators

Used to intercept hydrocarbon pollutants such as petroleum and oil to prevent their entry to the drainage system - operation ensures the flow cannot exit the unit without first passing through the coalescer assembly. Has sufficient capacity to provide storage for separated pollutants within the main chamber, but is also able to contain up to 7,600 litres of pollutant arising from the spillage of a fuel delivery tanker compartment on the forecourt.

Typical applications include petrol filling stations and car breaker yards.

Fuel & Oil Separator Alarms

British European Standard EN 858-1 and Environment Agency Pollution Prevention Guideline PPG3 requires that all separators are to be fitted with an oil level alarm system. It should be installed and calibrated by a suitably qualified technician so that it will respond to an alarm condition when the separator requires emptying.







Grease Traps & Separators

Grease separators allow fats and grease to naturally separate from water, removing them from wastewater prior to entering the drainage system. The separator should be placed close to the source of contamination, before any foul waste can enter the drainage flow. Ideally suited for restaurants, hotels, public house, canteens and similar applications.

For smaller installations, grease traps will prevent blockage of drains and treatment plants.

Washdown Separators

Manufactured from durable, rot and corrosion proof GRP, these units are primarily designed for the removal of silt. As water passes through the separation chamber, solids are allowed to sink to the bottom of the unit.

Typical applications should discharge to a foul drain that feeds to a municipal treatment facility, and include car washes, tool hire depots, truck cleansing, construction compounds cleansing points. Please note that if emulsifiers are present, the discharge should not be allowed to enter an oil separator.





Cesspools & Silage Tanks

A reliable solution for the storage of sewage, surface veterinary/animal waste, silage effluent. firefighting reservoirs and rainwater harvesting reservoirs.

Below Ground Commercial Rainwater Harvesting System

For any size of building project, in capacities from 6,000 litres up to 79,000 litres of water in a single tank (multiple tanks can be joined together for larger capacities). Roof water yield, projected water consumption, groundwork criteria, and suitable filters and pumps to ensure optimum level of clarity and pressure are considered when sizing your unit.





BioDisc Commercial Treatment Plants



Delivered a single, packaged system, the Klargester BioDisc RBC range (for up to 300 persons), offers low running costs due to its unique design and operational efficiencies. Treatment process is odour-free and noise-free, and treated effluent can be discharged to ground water or water course.

Bioficient Commercial Treatment Plants

Designed with efficiency in mind, this unit boasts a minimal footprint area and low visual impact. Designed in accordance with British Water Code of Practice Flows and Loads but can be sized to suit local conditions.



Pumpstor Commercial Vertical Pumping Station



Robust GRP chambers ideal for developments and commercial premises where drainage by gravity isn't an option. Tanks and pumps available in a range of sizes and dimensions, with 24-hour storage capacity for foul waste to comply with building regulations. A wide range of surface water pumps are available for applications from small roof run offs, to large SuDS schemes.

Pumpstor Commercial Horizontal Pumping Station

Single-tank construction from GRP, in capacities from 18,000 to 79,000 litres. If power supply fails, these pumping stations respond instantly, separating liquids and solids into a separate chamber and storing waste for up to 24 hours. Once power is restored, normal operation resumes.



Adoptable & High Specification Pump Systems

Manufactured from GRP as a ready to install pre-fabricated unit for Type 1 and Type 2 installations for up to 20 dwellings. Meets the requirements of 'Sewers for Adoption 7th Edition' and the 'Water Industry Standard' (WIS).



Suitable for the storage and dispensing of Diesel or Biodiesel including FAME being compliant with the requirements of BS EN 590:2009 and BS EN 14214:2008 including up to a 93% Diesel and 7% biodiesel mix. They are not suitable for the storage of dispensing biodiesel at concentrations greater than 7%. 10 micron filter as standard on all Fuel Depots.

Fuel Depots

Supplied complete with Automatic shut off nozzle, Flowmeter, Watchman Sonic electronic level gauge and SpillStop overfill prevention valve. Available with either:

230 volt. 12 volt. 24 volt or 110 volt pump.





Capacity (Litres)	Length (mm)	Width (mm)	Height (mm)	Footprint (mm)	Hose Length
1,300	1800	1300	1900	1500 x 1240	4m
2,500	2310	1550	1950	1840 x 1480	4m
5,000	2650 di (inc		2250	2150 (add 500 for box)	6m





Utility Range

Models come complete with integral 230v pump, clock gauge, SpillStop overfill prevention, 4 metres of hose, auto nozzle and 10 micron filter (Flowmeter, totaliser and electronic gauge not included).

Optional Extras: Flowmeter

Capacity (Litres)	Diameter (mm)	Height (mm)	Footprint (mm)
1,300	1410	1740	1390
2,300	1700	1850	1670
3,500	2120	1750	2075





Atlas Oil Tanks are strong, light and easy to install. Constructed from high grade polyethylene, these tanks are designed to prevent water ingress and are UV stabilised so their colour does not fade.

All Atlas Oil Tanks are supplied with a Watchman Sonic Oil Level Gauge and an Installation Kit (consisting of gate valve, filter, heldtite applicator & PTFE tape).

Single Skin Tanks

OFTEC certified and fully compliant with the latest Environment Agency Regulations. All single skinned tanks come as standard with a 1" female outlet and 'O' ring seal for unsurpassed protection against leaks and are guaranteed for 2 years.



Before installing a single skinned oil tank, the installer should always carry out an appropriate risk assessment.

Model	Capacity (Brim Full)	Dimensions mm (L x W x H)	Footprint (mm)
1150SA	1,150 Litres	1800 x 710 x 1450	1700 x 700
1225LPA	1,225 Litres	1800 x 1240 x 900	1800 x 1240
1300HA	1,300 Litres	1620 x 1100 x 1180	1320 x 1020
2500HA	2,500 Litres	2100 x 1300 x 1400	1780 x 1130

Horizontal & Slimline Tanks



Vertical Tanks



Model	Capacity (Brim Full)	Diameter (mm)	Height (mm)	Footprint (mm)
1360VA	1,360 Litres	1240	1400	1240
2500VA	2,500 Litres	1550	1600	1550
5000VA	5,000 Litres	1935	1930	1935



Bunded Tanks

Even where current regulations might permit the use of single skin tanks, the additional environmental protection afforded by the use of Bunded tanks is strongly recommended for any oil storage. Guaranteed for 10 years.



Capacity (Brim Full)	Dimensions mm (L x W x H)	Footprint (mm)
1,200 Litres	2000 x 1400 x 1000	1890 x 1230
1,300 Litres	1800 x 1300 x 1300	1500 x 1240
1,900 Litres	2190 x 1540 x 1460	1830 x 1290
2,500 Litres	2310 x 1550 x 1600	1840 x 1480
	(Brim Full) 1,200 Litres 1,300 Litres 1,900 Litres	(Brim Full) (L x W x H) 1,200 Litres 2000 x 1400 x 1000 1,300 Litres 1800 x 1300 x 1300 1,900 Litres 2190 x 1540 x 1460

Horizontal Tanks



Slimline Tanks



Model	Capacity (Brim Full)	Dimensions mm (L x W x H)	Footprint (mm)
650BSASL	650 Litres	1260 x 630 x 1350	600 x 1210
1000BSASL	1,000 Litres	1890 x 660 x 1440	1830 x 600
1000BSA	1,000 Litres	2050 x 710 x 1515	1940 x 640
1225BSA	1,225 Litres	2100 x 860 x 1550	2010 x 860
1400BSA	1,400 Litres	2130 x 650 x 1620	2100 x 630

Model	Capacity (Brim Full)	Diameter (mm)	Height (mm)	Footprint (mm)
1300BVA	1,300 Litres	1410	1500	1390
2300BVA	2,455 Litres	1700	1810	21670
3500BVA	3,500 Litres	2120	1600	2075
5000BVA	5,000 Litres	2150	2210	2150

Vertical Tanks





Watchman Sonic Gauge (also sold separately)



Installation Kit (also sold separately)

All Atlas Bunded and Single Skinned Oil Tanks are supplied with a Watchman Sonic Gauge, Installation Kit and Bottom Outlet as standard.





Coiled Duct

An unperforated, coiled twin wall pipe complete

with jointing collar and drawstring.

I.D	O.D	Length	Colour
32mm	40mm	50m	•
40mm	50mm	50m	•
50mm	63mm	50m	• • • • •
94mm	110mm	50m	• • • • •
137mm	160mm	25m	•



Rigid Duct

Unperforated, rigid twin wall pipe complete with jointing collar.

I.D	O.D	Length	Colour
94mm	110m	6m	• • •
137mm	160mm	6m	• • •
125mm	145mm	6m	•
150mm	180mm	6m	•



MDPE Duct

A heavy duty performance, single walled, coiled power duct, as specified by regulating authorities. Available in Black only. Collars sold separately.

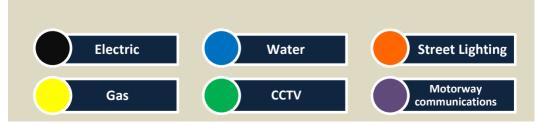
I.D	O.D	Length
32mm	37mm	50m
38mm	44mm	50m
50mm	60mm	50m



Gas Duct Coil
Yellow perforated flexible single walled

ducting for gas pipe where specified by regulating authority. Complete with collar.

I.D	O.D	Length	Colour
53mm	60mm	50m	0
90mm	100mm	50m	0
150mm	160mm	50m	0





BT Duct



Socketed, single walled PVC duct, manufactured in Grey to British Telecom Specification.

Size	Len	gth	В	ends A	vailab	le
54mm	3m	6m	11°	22°	45°	90°
96mm	6	m	11°	22°	45°	90°

Duct Access Boxes



300mm deep stackable boxes with trepanned entry/exit points to suit 63mm, 110mm and 160mm (OD) ducts.

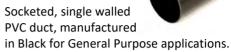
Clear Opening	Entry/Exit Points			
Clear Opening	63mm	110mm	160mm	
300mm x 300mm	8	8	4	
450mm x 450mm	12	12	8	
600mm x 450mm	14	14	8	
600mm x 600mm	16	16	8	

Utilities Marker Tape



Non-traceable marker tape. Width 150mm. Roll length 365m. Available for: Electric, Water, Gas, CCTV, Telephone/Fibre Optic, Sewer, and Oil Line

GP Duct



Size	Length	В	ends A	vailab	le
54mm	6m	11°	22°	45°	90°
114mm	6m	11°	22°	45°	90°

Composite Covers



Anti-slip composite duct access cover with galvanised steel frame. Cover is bolted to the frame in two positions.

Clear Opening	Load Rating
300mm x 300mm	B125 - 12.5tn
450mm x 450mm	B125 - 12.5tn
600mm x 450mm	B125 - 12.5tn
600mm x 600mm	B125 - 12.5tn

Draw Cord





6mm thick nylon, 5kN breaking strength. Available in:

220m Rolls or 500m Drum





Microflex

A range of insulated flexible pipes for a variety of applications. These corrosion-resistant pipes are manufactured from cross-linked PE-Xa (with oxygen diffusion barrier for heating applications). ensconced in thermal, elastic, CFC-free foam insulation with an outer casing of corrugated HDPF.

Applications Include:

- Heating Pipes Working temperature up to +95°C ideal for Biomass boilers
- Sanitary Water Hot and Cold
- Other fluids Can be used as a conduit for transporting other fluids



Uno

A single insulated pipe. Sizes range from 25mm PE in 75mm ducting to 125mm in 200mm ducting.



Duo

Double insulated pipe. Ideal for flow and return. Sizes range from 25mm PE in 160mm ducting to 63mm in 200mm ducting.



Quadro

Quadruple insulated pipe – two heating pipes and two sanitary pipes. Sizes range from 25mm heating with 25mm sanitary and 20mm circulation loop PE in 160mm ducting to 32mm heating with 25mm sanitary and 25mm circulation loop PE in 160mm ducting.



Full Range of Specialised Fittings Available







Size (O.D)		Coil L	ength		Stick Length
20mm	25m	50m	100m	150m	Not available
25mm	25m	50m	100m	150m	Not available
32mm	25m	50m	100m	150m	Not available
50mm	25m	50m	100m	150m	6m
63mm	25m	50m	100m	150m	6m
90mm		50)m		6m

Blue MDPE

Widely used as a water main below ground to supply clean water. 12 bar pressure rating (20mm to 63mm, 90mm 10 bar pressure rating). Please ask for sizes 110mm and upwards, or for 16 bar.



Black MDPE

UV stable. Widely used as a water main above ground, below ground for carrying dirty water, as a pumping main or an irrigation pipe below ground. 12 bar pressure rating (20mm to 63mm, 90mm 10 bar pressure rating). Please ask for sizes 110mm and upwards, or for 16 bar.

Size (O.D)	Coil Length			Stick Length
20mm	25m	50m	100m	Not available
25mm	25m	50m	100m	Not available
32mm	25m	50m	100m	Not available
50mm	25m	50m	100m	6m
63mm	25m	50m	100m	6m
90mm		50m		6m

Size (O.D)	Coil Length	Stick Length
25mm	50m	Not available
32mm	50m	Not available
63mm	50m	6m
90mm	50m	6m

Barrier Pipe

For carrying drinking water in areas at risk of Brownfield contaminants. This polyethylene pipe has a layer of aluminium between its PE inner and outer shell. Available in sizes 25mm and upwards. Requires a special range of fittings also available.



Yellow MDPE Gas Pipe

Used for gas mains supply. Available in 25mm upwards. For larger diameters please let us know your requirements.

Size (O.D)	Coil Length		
25mm	50m	100m	
32mm	50m	100m	





Collar



End Plug Terminal fitting.

Sizes available	20mm	25mm	32mm
	40mm	50mm	63mm
	75mm	90mm	110mm
	125mm	160mm	

Sizes	20mm	25mm	32mm
	40mm	50mm	63mm
available	75mm	90mm	110mm
	160mm		



90° Tee



90° Elbow

Sizes	20mm	25mm	32mm
	40mm	50mm	63mm
available	75mm	90mm	110mm
	160mm		

	20mm	25mm	32mm
Sizes	40mm	50mm	63mm
available	75mm	90mm	110mm
	160mm		



45° Elbow



Pipe Liner

Sizes available	32mm	40mm
	50mm	63mm
	90mm	110mm

Sizes	20mm	25mm	32mm
available	40mm	50mm	63mm



Stop Tap (Plastic)

Suitable for Above and Below Ground use.

	I	
0		

Stop Tap (Brass)

Sizes
available

20mm

25mm

32mm

Sizes available

20mm

25mm

32mm



Wall Plate Elbow



Sizes	20mm x ½"
available	25mm x ¾"

Bib Tap

With double check valve.

Sizes	½" with hose union
available	¾" with hose union

Double Check Valve



With or without WRAS approval.

Sizes	1/2"	3/4"	1"
available	1 ½"	2"	

Multi-Jet Water Meter



With threaded unions.

Sizes	1/2"	3/4"	1"
available	1 ¼"	1 ½"	2"

Mains Stop Valve



Above & Below ground use. WRAS approved. Female thread.

Sizes	3/4"	1"	1 ¼"
available	1 ½"	2"	

Economy PVC Ball Valve



Sizes	1/2"	3/4"	1"
available	1 ¼"	1 ½"	2"

PVC Ball Valve



Female thread. Double Union.

	1/2"	3/4"	1"
Sizes available	1 ¼"	1 ½"	2"
	2 ½"	3"	4"

PVC Non-Return Valve



Spring loaded. Double Union.

Sizes available	½"	3/4"	1"
	1 ¼"	1 ½"	2"
	2 ½"	3"	4"







	Sizes Available (mm x BSP thread)								
20	25	32	40	50	63	75	90	110	
1/2"	1/2"	1/2"	1"	1"	1 ¼"	2"	2"	2"	
3/4"	3/4"	3/4"	1 ¼"	1 ¼"	1 ½"	2 ½"	2 ½"	3"	
1"	1"	1"	1 ½"	1 ½"	2"	3"	3"	4"	
		1 ¼"	2"	2"	2 ½"		4"		

BSP Male

Threaded Adaptor

	Sizes Available (mm x BSP thread)								
20	25	32	40	50	63	75	90	110	
1/2"	3/4"	3/4"	1"	1 ¼"	2"	2"	2"	3"	
3/4"	1"	1"	1 ¼"	1 ½"		2 ½"	3"	4"	
1"		1 ¼"	1 ½"	2"			4"		

BSP Female Threaded Adaptor



BSP Female Threaded Tee



	Sizes Available (mm x BSP thread)								
20	25	32	40	50	63	75	90	110	
1/2"	1/2"	1/2"	1"	1"	1 ¼"	2"	3"	4"	
3/4"	3/4"	3/4"	1 1/4"	2"	1 ½"	2 ½"			
	1"	1"	1 ½"		2"	3"			
	1 ¼"	1 ¼"	2"						

BSP Male Threaded Tee



BSP Male
Threaded 90°
Elbow



Size	s Avai	ilable	(mm x	BSP th	read)
20	25	32	40	50	63
1/2"	1/2"	1"	1 ¼"	1 ¼"	1 ¼"
3/4"	3/4"		1 ½"	1 ½"	1 ½"
					2"

	Size	s Ava	ilable (mm x l	SSP thr	ead)	
20	25	32	40	50	63	90	110
1/2"	1/2"	1"	1"	1"	1 ¼"	3"	4"
3/4"	3/4"		1 ¼"	1 ¼"	1 ½"		
	1"		1 ½"	1 ½"	2"		



Sizes Available (mm x BSP thread)								
20	25	32	40	50	63	75		
1/2"	1/2"	3/4"	1"	1"	1 ¼"	2"		
3/4"	3/4"	1"	1 ¼"	1 ¼"	1 ½"	3"		
	1"	1 ¼"	1 ½"	1 ½"	2"			
			2"	2"				

BSP Female Threaded 90° **Elbow**



Reducing Bush

	Sizes Available								
3/4"	1"	1 ¼"	1 ½"	2"	2 ½"	3"	4"		
1/2"	3/4"	1"	1 ¼"	1 ½"	2"	2 ½"	3"		
	1/2"	3/4"	1"	1 ¼"	1 ½"	2"	2"		
		1/2"	3/4"	1"	1 ¼"	1 ½"			
46			1/2"	3/4"	1"	1 ¼"			
4				1/2"		1"			
1									

Reducing Nipple

			• •					
	Sizes Available							
3/4"	1"	1 ¼"	1 ½"	2"				
1/2"	3/4"	1"	1 ¼"	1 ½"				
	1/2"	3/4"	1"	1 ¼"				
		1/2"	3/4"	1"				
			1/2"	3/4"				
110				1/2"				
				_				

Threaded Socket



Sizes	1/2"	3/4"	1"	1 ¼"
available	1 ½"	2"	3"	

Straight Nipple



Sizes	1/2"	3/4"	1"	1 ¼"
available	1 ½"	2"	3"	

Threaded Tee



Sizes	1/2"	3/4"	1"
available	1 ¼"	1 ½"	2"

Threaded Elbow



Sizes	1/2"	3/4"	1"	1 ¼"
available	1 1/3"	2"		

Tank Connector



			-
Sizes	1/2"	3/4"	1"
available	1 ½"	2"	

Threaded Cap



Sizes	1/2"	3/4"	1"
available	1 ¼"	1 ½"	2"



Reducing Set 🜒



Copper	
Adaptor	



Sizes available						
25	32	40	50	63	75	110
20	25	32	40	50	63	90
	20		32	32		75
			25	25		63

Sizes available					
20	25	32	40	50	63
15	22	28	35	42	54
	15		32	32	

Metric to Imperial Adaptors

Class C Adaptor Low Density



Sizes	1/2"	3/4"	1"
available	1 ¼"	1 ½"	2"

Class D Adaptor Low Density

Sizes	1/2"	3/4"	1"
available	1 ¼"	1 ½"	

Class C Adaptor High Density



Sizes	1/2"	3/4"	1"
available	1 ¼"	1 ½"	2"

Class D Adaptor High Density

Sizes	1/2"	3/4"	1"
available	1 ¼"	1 ½"	2"

Normal Gauge Adaptor



Sizes	1/2"	3/4"	1"
available	1 ¼"	1 ½"	2"

Heavy Gauge Adaptor



Sizes	1/2"	3/4"	1"
available	1 ¼"	1 ½"	



Universal Couplers

Universal couplers are suitable for joining metric polyethylene to a variety of pipe materials, such as copper, lead, steel, and plastic. All measurements are outside diameters.

Plass 4 Universal Coupler



PE Size	Univers	al Size Ra	nge (OD)
25mm	15mm to 22mm	20mm to 27mm	27mm to 35mm
32mm	20mm to 27	mm 27	mm to 35mm
50mm	3	5mm to 50n	nm

Pushfit Universal Coupler



PE Size	Universal Size Range (OD)
25mm	14mm to 18mm
25mm	19mm to 22mm
25mm	24mm to 28mm

Universal Slip Coupler



Universal Size Range	Maximum Repair length
24mm to 28mm	90mm
31mm to 35mm	100mm
40mm to 43mm	110mm
48mm to 51mm	120mm
60mm to 64mm	130mm

Pushfit Coupler PE to Cu/PB/PEX



PE Size	Copper/Polybutylene/PEX Size
20mm	15mm
25mm	15mm
25mm	22mm
32mm	28mm

Viking Johnsons

Straight connectors and flanged adaptors available for joining. Not suitable for polyethylene. Please let us know what size you require.







Float Valve & Ball



Sizes
available

1/3" 4" Ball

3/4" 6" Ball

1" 8" Ball

Coupling & Key

Allows temporary access to sprinkler system with use of key.

Quick

Sizes available

3/4" Valve

End Feed

Manifold

Concentric

Water Meter

Positive displacement,

1" Valve

3/4" Key

Centre Feed **Manifold**



2" Male Connection with 25mm spurs.

Sizes available 4-Port 25mm 6-port 25mm

Sizes available

3-port 25mm

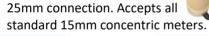
rotating piston type water meter

2" Male Connection with 25mm spurs.

4-port 25mm

6-port 25mm

Meter Chamber



Options available

With Plastic Lid

With Cast Lid

Size available

15mm Nominal 1 1/2" BSP Male Thread Nominal flow rate 1.6m3/h

Stop Tap



Plastic and Brass Stop Taps.

Options available

With Plastic Lid

With Cast Lid

Pressure Reducing Valve



Adjustable 0.5 bar to 5.5 bar

Sizes available

Internal thread ½" Female External thread 3/4" Male

32mm





Pipe Clip



Blanking Plug

Sizes available 20mm 50mm 25mm

63mm

32mm

Sizes available 20mm 50mm 25mm 63mm

Mechanical Wrench

Sizes available 16 – 40mm 40 – 75mm 63 – 125mm



Pipe Squeeze Tool

Sizes available

20 - 32mm

32 – 63mm



Pipe Insulation

Available for sizes 20mm and upwards for belowground and aboveground use. Please let us know your requirements.

Sizes stocked 22mm Bore 19mm thick 2m length

28mm Bore 19mm thick 2m length 35mm Bore 19mm thick 2m length

Shalloduct

Designed to protect water pipes at depths less than would normally accepted by the water industry.

This foam insulation sleeves over either 25mm or 32mm MDPE and slides into 94/110mm twin wall duct.

Can be used to insulate pipe through walls & other structures.







Insuduct

Insulated ducting designed to protect water pipes from frost outside of a building's thermal envelope.

Can also 'ladder' pipe to first, second or higher floors, eliminating the need to bring water services in at any level. Unit length is 880mm (840mm effective height as a riser).



EF Collar



End Cap



Sizes available			Sizes available					
20mm	25mm	32mm	40mm	20mi	m	25mm	32mm	40mm
50mm	63mm	75mm	90mm	50mi	m	63mm	75mm	90mm
110mm	125mm	140mm	160mm	110m	ım	125mm	140mm	160mm
180mm	200mm	225mm	250mm	180m	ım	200mm	225mm	250mm
280mm	315mm	355mm	400mm	315m	ım			

End Plug



Tee



Sizes available			Sizes available				
32mm	40mm	50mm	63mm	20mm	25mm	32mm	40mm
75mm	90mm	110mm	125mm	50mm	63mm	75mm	90mm
140mm	160mm	180mm	200mm	110mm	125mm	160mm	180mm
225mm	250mm	280mm	315mm	200mm	225mm	250mm	

EF 90° Elbow



EF 45° Elbow



Sizes available			Sizes available				
20mm	25mm	32mm	40mm	32mm	40mm	50mm	63mm
50mm	63mm	75mm	90mm	75mm	90mm	110mm	125mm
110mm	125mm	140mm	160mm	140mm	160mm	180mm	200mm
180mm	200mm	225mm	250mm	225mm	250mm		



EF Ball Valve PE



Sizes available							
25mm	32mm	40mm	50mm				
63mm	75mm	90mm	110mm				
125mm	160mm						

EF Ball Valve PVC



Sizes available					
20mm	25mm	32mm			
40mm	50mm	63mm			

Stub Flange



Plated
Backing Ring



Sizes available						
32mm	50mm	63mm	75mm			
90mm	110mm	125mm	140mm			
160mm	180mm	200mm	225mm			
250mm	280mm	315mm				

Sizes available			
32mm x 1"	50mm x 1 ½"		
63mm x 2"	75mm x 2 ½"		
90mm x 3"	110/125mm x 4"		
140mm x 5"	160mm x 6"		
180mm x 6"	200/225mm x 8"		
250mm x 10"	280mm x 10"		

Gasket



Sizes available				
1 ½"	2"	2 ½"	3"	
4"	5"	6"	8"	
10"	12"			

Flanged Valves Available

315mm x 12"





Fire Hydrant



Wafer Valves Gate Valves



Reducing Tee



Reducing Coupler



Sizes available			
25 x 20mm	32 x 20mm	32 x 25mm	
40 x 25mm	40 x 32mm	50 x 20mm	
50 x 25mm	50 x 32mm	63 x 20mm	
63 x 32mm	63 x 40mm	63 x 50mm	
75 x 63mm	90 x 63mm	110 x 63mm	
110 x 90mm	125 x 90mm	125 x 110mm	
160 x 90mm	160 x 110mm	180 x 90mm	
180 x 125mm	180 x 160mm	200 x 110mm	
225 x 110mm	250 x 110mm		

Sizes available			
25 x 20mm	32 x 20mm	32 x 25mm	
40 x 25mm	40 x 32mm	50 x 25mm	
50 x 32mm	50 x 40mm	63 x 32mm	
63 x 40mm	63 x 50mm	75 x 63mm	
90 x 50mm	90 x 63mm	90 x 75mm	
110 x 63mm	110 x 90mm	125 x 90mm	
125 x 110mm	160 x 90mm	160 x 100mm	
160 x 125mm	180 x 125mm		

Spigot Reducer



Branch Saddle



Sizes available				
50 x 32mm	63 x 32mm	63 x 40mm		
63 x 50mm	75 x 63mm	90 x 50mm		
90 x 63mm	90 x 75mm	110 x 63mm		
110 x 75mm	110 x 90mm	125 x 63mm		
125 x 90mm	125 x 110mm	140 x 90mm		
140 x 110mm	140 x 125mm	160 x 90mm		
160 x 110mm	160 x 125mm	160 x 140mm		
180 x 90mm	180 x 125mm	180 x 160mm		
200 x 160mm	200 x 180mm	225 x 200mm		
250 x 180mm	250 x 200mm			

Sizes available				
63 x 32mm	63 x 63mm	90 x 32mm		
90 x 63mm	90 x 90mm	110 x 32mm		
110 x 50mm	110 x 63mm	110 x 90mm		
125 x 32mm	125 x 50mm	125 x 63mm		
125 x 90mm	140 x 32mm	140 x 50mm		
140 x 63mm	140 x 90mm	160 x 32mm		
160 x 50mm	160 x 63mm	160 x 90mm		
180 x 32mm	180 x 50mm	180 x 63mm		
180 x 90mm	200 x 63mm	200 x 90mm		
225 x 63mm	225 x 90mm	250 x 63mm		
250 x 90mm	280 x 90mm	315 x 90mm		



Tapping Saddle



Male Transition Coupler



Sizes available				
40 x 32mm	50 x 32mm	63 x 32mm		
63 x 63mm	90 x 25mm	90 x 32mm		
90 x 63mm	110 x 32mm	110 x 63mm		
125 x 32mm	125 x 63mm	160 x 32mm		
160 x 63mm	180 x 32mm	180 x 63mm		
200 x 32mm	200 x 63mm	225 x 32mm		
225 x 63mm	250 x 32mm	250 x 63mm		

Sizes available				
20mm x ½"	20mm x ½" 25mm x ¾"			
32mm x ¾"	32mm x 1"	32mm x 1 ¼"		
32mm x 1 ½"	40mm x 1"	40mm x 1 ¼"		
40mm x 1 ½"	40mm x 2"	50mm x 1"		
50mm x 1 ¼"	50mm x 1 ½"	50mm x 2"		
63mm x 1 ¼"	63mm x 1 ½"	63mm x 2"		
75mm x 2"	75mm x 2 ½"			

Female Transition Coupler



Transition Saddle



Sizes available			
20mm x ½"	25mm x ¾"	32mm x ¾"	
32mm x 1"	40mm x 1"	40mm x 1¼"	
40mm x 1 ½"	50mm x 1 ½"	50mm x 2"	
63mm x 1 ½"	63mm x 2"		

Sizes available			
63mm x 1 ¼"	90mm x 1 ½"	90mm x 2"	
110mm x 1 ½" 110mm x 2"		125mm x 1 ½"	
125mm x 2"	160mm x 2"	180mm x 2"	
200mm x 2"	225mm x 2"	250mm x 2"	



Also available – EF Specialist Tooling

Please ask for more details



PVC & Rubber Hoses



A wide range of hoses including Suction Hose, Lay Flat Hose Transparent Hose, and Firefighting Hose. For domestic, industrial & agricultural use.



Torsino Hose

A knot free, kink resistant, flexible PVC hose. Ideal for gardens, construction

sites, farmyards & stables.

Available in 13mm (1/2"), 19mm (3/4"), 25mm (1") and 30mm (1 %") internal diameters

Coil sizes 25m, 50m & 100m



Hose Couplings & Accessories

Plastic and metal fittings. Camlock, Bauer, Hoselock, Gekas, Hose Tails, Jubilee Clips, Spray guns and more available.

Sprinklers

Variety of sprinklers available, from pop-up and shrub sprinklers to pedestal sprinklers, and the Rain Train – a water propelled walking sprinkler.



Please let us know your requirements, or ask for a copy of our irrigation catalogue



Drip Irrigation

Micro-irrigation system that saves water and nutrients by placing water directly into the root zone, minimising evaporation.

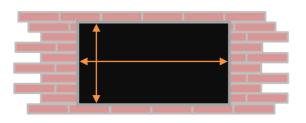


Pressure Pipe

PVC Imperial & Metric, ABS Imperial, Galvanised Imperial & Metric pipe and fittings available.



How to measure size for manhole covers





All covers & frames are manufactured to clear opening sizes — put simply this is the size of the hole which the cover & frame is to span. The clear opening size of the cover is the inside frame dimension and consequently the cover & frame will then sit on the surrounding chamber. It is vitally important to establish the clear opening of the chamber as a cover which is too small will have an unsupported frame and will fail. A cover that is too large in some instances will suffice, unless the lid's underside is reinforced (often the case on large heavy units) which may clash with the chamber and not fit correctly.

Loading for manhole covers

Manhole covers are constructed from either Ductile Iron (safe load tested to EN124 class), or from steel (tested to FACTA class). The following table offers a comparison between the two ratings for typical applications – these are not like for like and are intended for guidance rather than exactness.

Slow Moving* Wheel Loads		Iron EN124 Class	EN124 Test	
Pneumatic	Solid	Comparison	Weight	
0. 6 tonne (5kN)	N/A	A15	1.5 tonne	
1.5 tonne (15kN)	N/A	N/A	N/A	
2.5 tonne (25kN)	0.5 tonne	N/A	N/A	
5 tonne (50kN)	0.75 tonne	B125	12.5 tonne	
6.5 tonne (65kN)	1.0 tonne	C250	25 tonne	
11 tonne (108kN)	3.0 tonne	D400	40 tonne	
16 tonne (158kN)	5.0 tonne	E600	60 tonne	
24 tonne (237kN)	N/A	F900	90 tonne	
	Pneumatic 0. 6 tonne (5kN) 1.5 tonne (15kN) 2.5 tonne (25kN) 5 tonne (50kN) 6.5 tonne (65kN) 11 tonne (108kN) 16 tonne (158kN)	Pneumatic Solid 0. 6 tonne (5kN) N/A 1.5 tonne (15kN) N/A 2.5 tonne (25kN) 0.5 tonne 5 tonne (50kN) 0.75 tonne 6.5 tonne (65kN) 1.0 tonne 11 tonne (108kN) 3.0 tonne 16 tonne (158kN) 5.0 tonne	Pneumatic Solid Comparison 0. 6 tonne (5kN) N/A A15 1.5 tonne (15kN) N/A N/A 2.5 tonne (25kN) 0.5 tonne N/A 5 tonne (50kN) 0.75 tonne B125 6.5 tonne (65kN) 1.0 tonne C250 11 tonne (108kN) 3.0 tonne D400 16 tonne (158kN) 5.0 tonne E600	

^{*}Slow moving wheel loads are deemed to be speeds no greater than 20mph in low intensity trafficked areas. Where higher intensity traffic is expected, a higher load classification of cover is recommended



Steel covers are manufacture to loadings in line with the Gross Laden Vehicle Weight (GLVW – complete vehicle weight) of vehicles that are likely to travel over them. Occasionally loading s are asked for as wheel loads – known as the Slow Moving Wheel Load (SMWL). Please be sure of your requirements when ordering as a 10 tonne GLVW will not hold a 10 tonne SMWL. Furthermore if a vehicle has a small footprint (e.g. . A forklift truck) then specially reinforced covers are required to account for the reduced contact area and the effect it has on the cover. Under no circumstances should a steel cover be used on a carriageway. Should you need an unlisted clear opening size please contact us – we can have one fabricated for you.

Class A

For use in pedestrian areas only.

Class AAA

For use in areas with vehicular traffic up to 10 tonnes GLVW or 2.5 tonnes Pneumatic SMWL/0.5t Solid SMWL.

Class C

For use in areas with vehicular traffic up to 38 tonnes GLVW or 6.5 tonnes Pneumatic SMWL/1.5t Solid SMWL.

Class AA

For use in areas with vehicular traffic up to 5 tonnes GLVW or 1.5 tonnes Pneumatic SMWL.

Class B

For use in areas with vehicular traffic up to 25 tonnes GLVW or 5 tonnes Pneumatic SMWL/0.75t Solid SMWL.

Class D

For use in areas with abnormal loads up to 44 tonnes GLVW or 11 tonnes Pneumatic SMWL/3t Solid SMWL.

Clear Opening Sizes Available					
300mm x 300mm 450mm x 450mm 600mm x 450mm 750mm x 600mm					
750mm x 750mm 900mm x 600mm 900mm x 750mm 900mm x 900mm 1000m					

Options Available

- Single Polythene Seal
- Double Polythene Seal
- Screw/Cap Head Locking
- Peephole Inspection Point

- Engraved Badging, e.g. Water, Gas
- Gas/Water/Pressure Tight Integrity
- Lock & Lift Device
- Hinged Opening



Sealed & Locked Light Duty

Pressed steel manhole cover with polypropylene frame. Screw locked with EDPM seal to prevent odours.

Clear Opening Size	Depth
450mm x 450mm	30mm
600mm x 450mm	30mm
600mm x 600mm	30mm



Available in 3 load ratings:

Pedestrian Duty, 5 Tonne GLVW, or 10 Tonne GLVW

Block Paviour Covers

Suitable for block paving, screed, slab infill. Square to round versions have circular opening to suit Preformed Plastic Inspection chamber. Supplied with galvanised frame & lifting eyes unless otherwise stated. 80mm recess accepts up to 65mm block.



Clear Opening	Tray Depth	Load (GLVW)
300mm dia. (Square to Round)	80mm	5 Tn
450mm dia. (Square to Round)*	80mm	5 Tn
600mm x 450mm	80mm	5 Tn
600mm x 600mm	80mm	5 Tn

^{*} PP Frame with built in lifting keys.

Double Seal Recessed Tray

Shallow recessed tray suitable for internal use with screed or slab infill. Supplied with plastic frame & built in lifting keys. 5 Tonne GLVW load rating.

Clear Opening	Overall Size	Tray Depth
300mm dia. (Square to Round)	440 x 440 x 52	43.5mm
450mm dia. (Square to Round)	580 x 580 x 54	43.5mm
600mm x 450mm	740 x 590 x 58	43.5mm
600mm x 600mm	740 x 740 x 58	43.5mm







Weight Load A15 (Group 1)

For use in pedestrian areas where vehicles have no access. Tested to 15kN (1.5 tonne) under BS EN124.

Code	Clear Opening	Overall Size	Frame Depth	Seal
E10B1	600mm x 450mm	672mm x 530mm	26mm	Single
E10C1	600mm x 600mm	674mm x 674mm	26mm	Single

Weight Load B125 (Group 2)

For use in car parks and pedestrian areas where infrequent vehicle access is likely. Tested to 125kN (12.5 tonnes) under BS EN124.

Code	Clear Opening	Overall Size	Frame Depth	Туре
KD31	450mm diameter	555mm diameter	22mm	Single Seal
KD3340S	600mm x 450mm	692mm x 542mm	40mm	Slide-out
KD3440S	600mm x 600mm	690mm x 690mm	40mm	Slide-out









Weight Load C250 (Group 3)

For use in areas where slow moving heavy traffic have access. Tested to 250kN (25 tonnes) under BS EN124.

Code	Clear Opening	Overall Size	Frame Depth	Seal
KD61C	600mm x 450mm	700mm x 550mm	75mm	Single
KD62C	600mm x 600mm	700mm x 700mm	75mm	Single

C250 Gully Grates

for use in carriageways, not exceeding 500mm from kerbside.

Code	Over Grate	Overall Size	Frame Depth	Type
KD72C	325mm x 325mm	385mm x 365mm	75mm	Flat
KD73C	325mm x 325mm	385mm x 365mm	75mm	Dished





Weight Load D400 (Group 4)

For use in carriageways of roads, hard shoulders and parking areas.

Tested to 400kN (40 tonnes) under BS EN124.

Code	Clear Opening	Overall Size	Frame Depth
KD800	450mm x 450mm	580mm x 580mm	100mm
KD900	600mm x 450mm	750mm x 600mm	100mm
KD100	600mm x 600mm	740mm x 740mm	100mm
KD10*	600mm x 600mm	752mm x 752mm	100mm
KD19	1220mm x 675mm	1370mm x 825mm	100mm

^{*}Compliant with Highway Advice Note HA104



D400 Gully Grates for use in carriageways and fast moving traffic applications.



Code	Over Grate	Overall Size	Frame Depth	Waterway
KD41DNN*	400mm x 440mm	550mm x 525mm	100mm	1132 cm2
KD43DN*	600mm x 600mm	752mm x 752mm	100mm	2363 cm2

^{*}Compliant with Highway Advice Note HA104

Weight Load E600 (Group 5)

For use in areas where high wheel loads are present. Tested to 600kN (60 Tn) under BS EN124.

Code	Clear Opening	Overall Size	Frame Depth
KD10E	600mm x 600mm	820mm x 820mm	150mm
KD12E	675mm x 675mm	930mm x 930mm	150mm
KD19E	1220mm x 675mm	1370mm x 825mm	150mm







Weight Load F900 (Group 6)

For use in areas where extremely high wheel loads are present. Tested to 900kN (90 Tn) under BS EN124.

Code	Clear Opening	Overall Size	Frame Depth
KD10F	640mm x 640mm	950mm x 950mm	150mm





Pedestrian Duty Channel

With heelguard grates as standard, in a choice of black plastic or galvanised finishes. The grills conform to BS EN 1433: Class A15 and can withstand a 1.5 tonne loading.

Can be installed in pedestrian areas, on sports pitches, at swimming pools, in walkways and where light vehicles may drive over.

Description	Length	Int Width	Int Depth	Overall Width	Overall Depth
Channel with Plastic Grating	1000mm	93mm	83mm	118mm	130mm
Channel with Galvanised Grating	1000mm	93mm	83mm	118mm	130mm
Sump Unit with Plastic Grating	330mm	93mm	83mm	118mm	390mm
Sump Unit with Plastic Grating	330mm	93mm	83mm	118mm	390mm













Sump Units

Corner Units

End Cap

End Outlet

Brickslot Channel

A discreet slot drainage system for domestic block paving installation and threshold drainage. The off-set grating is ideal for use with up to 60mm block paving and features a 10mm inlet slot tapered to prevent blockages. A15 Pedestrian Duty loading. Please ask if you need a galvanised or stainless steel version.



Description	Length	Width	Depth
Channel – 1m length	1000mm	125mm	140mm
4 way corner unit	125mm	125mm	185mm
Sump Bottle	174mm	118mm	250mm
Accessory bag (2 x end cap, vertical outlet & leafguard)	N/A	N/A	N/A











Liberty Drain - Industrial Channel Drainage

An economical and effective method for the collection and conveying of surface water. Its innovative design and materials utilised enables the installation process to be easier than ever.

Channel consists of thermoplastic polymer Polypropylene base, with a galvanised steel edge to protect against traffic, and finished with a ductile iron grating.



Features

- Stepped falls For increased hydraulic performance a stepping plate is available for connecting systems of differing depths
- Tongue & Groove Joints For easy installation
- Integrated T-Junction Facility to create a right angled junction
- Sump Unit Available with a removable silt box
- Pipe Outlets Knockout sections to connect to 110/160mm pipe on side and bottom of channel. Outlet adaptor also available to run channel straight into 110/160mm pipe
- 8 Points Locking Per Metre With 4 anchors per metre on all F900 channels



Sump Unit



different Loadings

Available in variety of depths & widths

100mm Wide 50mm Deep (72mm invert) C250150mm Wide 100mm Deep (122mm invert)

D400 200mm Wide 150mm Deep (172mm invert) F900

200mm Deep (222mm invert) 300mm Wide

300mm Deep (322mm invert)

Need a channel system with a built-in fall? Or with a different base or grating material? Please let us know your requirements



C250 Channel

For areas where slow moving light commercial vehicles have access e.g. pedestrian precincts, cycle ways, private car parks and drives, service stations (cars) parking areas, supermarkets. Tested to 250kN (25 Tn) under BS EN1433.



Code	Item & Length	Int Width	Invert Depth	Overall Width	Overall Depth	Slot Size	Waterway per grate
LDC100-6-50G	Channel 1000mm	100mm	72mm	157mm	105mm	6mm	282 cm2
LDC100-6-100G	Channel 1000mm	100mm	122mm	157mm	155mm	6mm	282 cm2
LDC100-6-150G	Channel 1000mm	100mm	172mm	157mm	205mm	6mm	282 cm2
LDC100-6-400G	Sump Unit 500mm	100mm	422mm	159mm	442mm	6mm	282 cm2



D400 Channel

For use in areas where slow moving heavy vehicles have access e.g. pedestrian precincts, cycle ways, car parks, service stations, supermarkets, light industrial units, sport & leisure. Tested to 400kN (40 Tn) under BS EN1433.

Code	Item & Length	Int Width	Invert Depth	Overall Width	Overall Depth	Slot Size	Waterway per grate
LDD100-6-50G	Channel 1000mm	100mm	72mm	159mm	106mm	6mm	235 cm2
LDD100-6-100G	Channel 1000mm	100mm	122mm	159mm	156mm	6mm	235 cm2
LDD100-6-150G	Channel 1000mm	100mm	172mm	159mm	206mm	6mm	235 cm2
LDD100-6-400G	Sump Unit 500mm	100mm	422mm	159mm	442mm	6mm	235 cm2
LDD150-6-100G	Channel 1000mm	150mm	122mm	209mm	156mm	6mm	231 cm2
LDD150-6-150G	Channel 1000mm	150mm	172mm	209mm	206mm	6mm	231 cm2
LDD150-6-400G	Sump Unit 500mm	150mm	422mm	209mm	442mm	6mm	231 cm2
LDD200-6-100G	Channel 1000mm	200mm	122mm	259mm	156mm	6mm	412 cm2
LDD200-6-150G	Channel 1000mm	200mm	172mm	259mm	206mm	6mm	412 cm2
LDD200-6-200G	Channel 1000mm	200mm	222mm	259mm	256mm	6mm	412 cm2
LDD200-6-300G	Channel 1000mm	200mm	322mm	259mm	356mm	6mm	412 cm2
LDD200-6-400G	Sump Unit 500mm	200mm	422mm	259mm	442mm	6mm	412 cm2



F900 Channel

For use in areas where extremely high wheel loads are present e.g. areas with forklifts, turning articulated vehicles, airports, ports. Tested to 900kN (90 Tn) under BS EN1433.



Code	Item & Length	Int Width	Invert Depth	Overall Width	Overall Depth	Slot Size	Waterway per grate
LDF100-6-50G	Channel 1000mm	100mm	72mm	159mm	106mm	6mm	217 cm2
LDF100-6-100G	Channel 1000mm	100mm	122mm	159mm	156mm	6mm	217 cm2
LDF100-6-150G	Channel 1000mm	100mm	172mm	159mm	206mm	6mm	217 cm2
LDF100-6-400G	Sump Unit 500mm	100mm	422mm	159mm	442mm	6mm	217 cm2
LDF150-15-100G	Channel 1000mm	150mm	122mm	209mm	156mm	15mm	383 cm2
LDF150-15-150G	Channel 1000mm	150mm	172mm	209mm	206mm	15mm	383 cm2
LDF150-15-400G	Sump Unit 500mm	150mm	422mm	209mm	442mm	15mm	383 cm2
LDF200-15-100G	Channel 1000mm	200mm	122mm	259mm	156mm	15mm	506 cm2
LDF200-15-150G	Channel 1000mm	200mm	172mm	259mm	206mm	15mm	506 cm2
LDF200-15-200G	Channel 1000mm	200mm	222mm	259mm	256mm	15mm	506 cm2
LDF200-15-300G	Channel 1000mm	200mm	322mm	259mm	356mm	15mm	506 cm2
LDF200-15-400G	Sump Unit 500mm	200mm	422mm	259mm	442mm	15mm	506 cm2
LDF300-15-200G	Channel 500mm	300mm	222mm	390mm	260mm	15mm	759 cm2
LDF300-15-300G	Channel 500mm	300mm	322mm	390mm	360mm	15mm	759 cm2

Also available



Dished Concrete Channel



Concrete Slot Channel



Polymer Channel



Kerb **Drainage**

61 Standard PVC Gutter







112mm Roundstyle

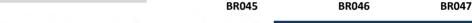
Dimensions Width 112mm Depth 51mm For use with 68mm Round Downpipe

Traditional half round system suitable for domestic housing.

Black	Anthracite	Grev	White	Arctic	Brown
DIACK	Grey	Grey	vviille	White	DIOMII

Code	Item
BR041	Gutter 2m
BR042	Gutter 4m
BRO43	Fascia Bracket
BR044	Union Bracket
BR045	Running Outlet
BR046	Internal Stop End
BR047	External Stop End





	The state of the s		
			BR048
			BR048/120
BR048	BR048/120	BR049	BR049
			BR4
Y			BRF4
		F.	BRS5
	(B)		BRT5
BRF4	BRS5	BRT5	

Code	ltem
BR048	90 degree angle
BR048/120	120 degree angle
BR049	135 degree angle
BR4	Specially Fabricated angle
BRF4	Rise & Fall Bracket (Galvanised)
BRS5	Side Fix Rafter Bracket (Galvanised)
BRT5	Top Fix Rafter Bracket (Galvanised)

Also available - Water Butts

For the collection of rainwater for reuse in the garden. Available in a wide range of sizes and style.







115mm Deepstyle

Dimensions Width 115mm Depth 75mm For use with 68mm Round Downpipe

Offers 50% increase in flow capacity compared to 112mm Roundstyle.

Anthracite

Grev





Black





BR073

BR076



BR074

White



White



BR075

BR072





Grey

Code	Item
BR078	90 degree angle
BR078/120	120 degree angle
BR079	135 degree angle
BR7	Specially Fabricated angle
BRF7	Rise & Fall Bracket (Galvanised)
BRS5	Side Fix Rafter Bracket (Galvanised)
BRT5	Top Fix Rafter Bracket (Galvanised)









Brown

BRF7

BRS5

BRT5

Also available - Galvanised Steel, Copper & Zinc Gutter







Suitable for contemporary style properties. Available in a range of colours & profiles.

63 Standard PVC Gutter







106mm Prostyle

Dimensions Width 106mm Depth 70mm **For use with** 65mm Square Downpipe

"Ogee" profiled system, ideal for contemporary styled properties due to its sleek lines and modern appearance.





Code	Item
BR082	Gutter 4m
BR083	Fascia Bracket
BR833	Top Hung Fascia
BR084	Union Bracket
BR085	Running Outlet
BR856L	Stop End Outlet L/H
BR856R	Stop End Outlet R/H
BR087L	External Stop End L/H
BR087R	External Stop End R/H

Code	Item
BR088I	Internal 90 degree angle
BR088E	External 90 degree angle
BR089I	Internal 135 degree angle
BR089E	External 135 degree angle
BR088/150E	External 150 degree angle
BR7	Specially Fabricated angle
BRF8	Rise & Fall Bracket (Galvanised)
BRS5	Side Fix Rafter Bracket (Galvanised)
BRT5	Top Fix Rafter Bracket (Galvanised)







114mm Squarestyle

Dimensions Width 114mm Depth 62mm For use with 65mm Square Downpipe

Ideal for larger roof areas, this style offers 20% more flow capacity than 112mm Roundstyle.



Black



White









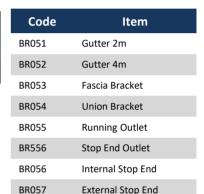
BR051 BR052



BR053



BR054





BR055



BR556



BR056



BR057

Code	Item
BR058	90 degree angle
BR058/120	120 degree angle
BR059	135 degree angle
BR5	Specially Fabricated angle
BRF5	Rise & Fall Bracket (Galvanised)
BRS5	Side Fix Rafter Bracket (Galvanised)
BRT5	Top Fix Rafter Bracket (Galvanised)



BR088



BR088/120



BR089



BRF5





BRT5



Also available -**Alumasc Aqualine Gutter**

Suitable for contemporary style properties. Available in a range of colours & profiles.

65 Standard PVC Gutter







BR208

68mm Round Downpipe

Designed for use with 106mm Prostyle, 112mm Roundstyle and 115mm Deepstyle Guttering.



Item
Downpipe 2.5m
Downpipe 4m
Downpipe 5.5m
Connector
Bracket
112 ½ degree Offset Bend
92 ½ degree Bend
112 ½ degree Branch
Downpipe Shoe
Rainwater Head
Access Pipe

65mm Square Downpipe

BR216

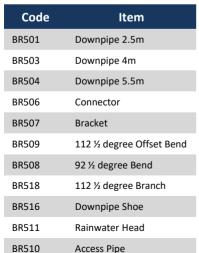
BR218

Designed for use with 106mm Prostyle and 114mm Squarestyle Guttering.

BR211

BR210

Black











Anthracite

Grey

Arctic

White



BR516











Brown

BR511





170mm Deepstyle

Dimensions Width 170mm Depth 110mm For use with 110mm Round Downpipe

Ideally suited to buildings with larger roof areas, e.g. larger commercial projects, factories, warehouses, and farm buildings.





Code	Item
BR096	Internal Stop End
BR097	External Stop End
BR098	90 degree angle
BR9	Specially Fabricated angle
BRF9	Rise & Fall Bracket (Galvanised)















Also available – Aluminium Box Gutter

Alumasc's GX Joggle aluminium box gutter is designed to make installation up to 30% quicker and is light in weight, without compromising on strength.

Suitable for contemporary style properties. Available in a range of colours & profiles.

67 Standard PVC Downpipe







110mm Round Downpipe

BS414/BS415

BS438

Use as Downpipe for 170mm High Capacity Guttering, or as a soil vent pipe.

BS406

BR450

Black	Grey	Brown
-------	------	-------

BS432

BS408

BS407

BS409

Code	Item
BS414	Pipe S/S 3m
BS415	Pipe S/S 4m
BS406	Connector D/S
BS432	Connector S/S
BS478	Slip Coupler
BS407	Double Fix Bracket
BS438	Single Fix Bracket
BR450	Metal Bracket
BS408	112 ½ degree Top Offset Bend S/S
BS421	112 ½ degree Bottom Offset Bend Solvent Weld Socket
BS420	92 ½ degree Bend S/S
BS421	112 ½ degree Bend S/S
BS422	135 degree Bend S/S
BS424	0-30 degree Adjustable Bend S/S





Please ask for catalogue for full details and for 160mm & 200mm Industrial Downpipe





110mm Soil System

Soil Stack System. For pipe, connectors, bends and branches see 110mm downpipe.



Black



Brown









BS451

BS490

BS431



BS445



BS426







BS427

BS428

BS487



Code	Item
BS451	Tee Branch D/S with 4 Bosses
BS490	Double Tee Branch T/S
BS431	Access Plug
BS445	Triple Boss Pipe S/S (Black /Grey only)
BS426	Boss Strap Adaptor
BS427	Vent Cowl
BS428	Weathering Collar
BS487	Air Admittance Valve

82.4mm and 160mm Push-fit Soil Systems also available Solvent Soil Systems Available sizes 82.4mm & 110mm

Waste Pipe Systems

Solvent weld available in sizes 32mm, 40mm & 50mm Push-fit available in sizes 32mm, 40mm & 50mm Compression available in sizes 32mm & 40mm Universal outlet traps available in 32mm & 40mm







Also Available:

- 21.5mm Overflow Pipe & Fittings
- Pan Connectors
- **Plumbfit**

Please ask for a catalogue for full details

69 Cast Iron Effect Gutter







112mm Roundstyle

Dimensions
For use with

Width 112mm Depth 51mm 68mm Round Cast Effect Downpipe

Ideal for period style new build and renovation projects alike, this system perfectly blends with the architectural detailing on heritage buildings.

Black

Anthracite Grey



Olive Green



Chartwell Green



Sandstone





Oxford Blue

Porcelain White

Colours other than Black have a lead time of 3 weeks

Code	Item
BR041CI	Gutter 2m
BR042CI	Gutter 4m
BR043CI	Fascia Bracket
BR044CI	Union Bracket
BR045CI	Running Outlet
BR046CI	Internal Stop End
BR047CI	External Stop End







BR041CI/BR042CI



BR044CI







BR045CI

BR046CI

BR047CI



Code	ltem
BR048CI	90 degree angle
BR049CI	135 degree angle
BR0400CI	Specially Fabricated angle
BRF4	Rise & Fall Bracket (Galvanised)
BRF4CI	Rise & Fall Bracket (Coated)
BRS5	Side Fix Rafter Bracket (Galvanised)
BRT5	Top Fix Rafter Bracket (Galvanised)

Also available - Porcupipe

Removable gutter protection system – ideal for use with Cast Iron Effect Guttering. Sits inside gutter and prevents leaves and debris from blocking downpipes.







115mm Deepstyle

Width 115mm Depth 75mm **Dimensions** For use with 68mm Round Cast Effect Downpipe

Combining period Cast Iron detailing and styling, Deepstyle is a higher capacity semi elliptical rainwater system, that provides greater drainage efficiency on larger roof areas (50% more than 112mm Roundstyle).





Colours other than Black have a lead time of 3 weeks



BR075CI



BR076CI



BR077CI

Code	iteiii
BR072CI	Gutter 4m
BR073CI	Fascia Bracket
BR074CI	Union Bracket
BR075CI	Running Outlet
BR076CI	Internal Stop End
BR077CI	External Ston End

Code	Item
BR078CI	90 degree angle
BR079CI	135 degree angle
BR7CI	Specially Fabricated angle
BRF7	Rise & Fall Bracket (Galvanised)
BRF7CI	Rise & Fall Bracket (Coated)
BRS5	Side Fix Rafter Bracket (Galvanised)
BRT5	Top Fix Rafter Bracket (Galvanised)



71 Cast Iron Effect Gutter







Sandstone

106mm Prostyle

Dimensions Width 106mm Depth 70mm
For use with 65mm Square or 68mm Round Cast

Effect Downpipe

An 'Ogee' profiled system, with sleek lines and modern styling that offers a modern twist on heritage styling. Suited to traditionally styled new build projects.

Black Anthracite Grey Olive Green

Graphite Grey

Oxford Blue Porcelain White

Colours other than Black have a lead time of 3 weeks









BR082CI BR083CI BR084CI BR085CI



BR856LCI



BR856RCI



BR087LCI



BR087RCI

Code	ltem
BR082CI	Gutter 4m
BR083CI	Fascia Bracket
BR084CI	Union Bracket
BR085CI	Running Outlet
BR856LCI	Stop End Outlet L/H
BR856RCI	Stop End Outlet R/H
BR087LCI	External Stop End L/H
BR087RCI	External Stop End R/H

Chartwell Green

Code	Item
BR088I	Internal 90 degree angle
BR088E	External 90 degree angle
BR089I	Internal 135 degree angle
BR089E	External 135 degree angle
BR088/150E	External 150 degree angle
BR7	Specially Fabricated angle
BRF8CI	Rise & Fall Bracket (Coated)
BRF8	Rise & Fall Bracket (Galvanised)
BRS5	Side Fix Rafter Bracket (Galvanised)
BRT5	Top Fix Rafter Bracket (Galvanised)





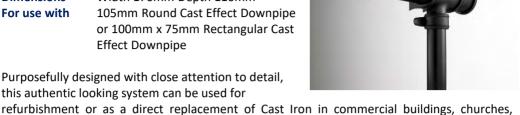




170mm Deepstyle

Dimensions Width 170mm Depth 110mm

Purposefully designed with close attention to detail, this authentic looking system can be used for



Georgian and Victorian shop frontage and larger period buildings. With double seals on outlets, unions and angles to guarantee optimum performance.



Code	Item	
BR091CI	Gutter 2m	
BR092CI	Gutter 4m	
BR093CI	Fascia Bracket	
BR094CI	Union Bracket	
BR095CI	Running Outlet	
BR096CI	Internal Stop End	
BR097CI	External Stop End	







BR095CI

BR096CI

BR097CI



Code	Item
BR098CI	90 degree angle
BR9CI	Specially Fabricated angle
BRF9CI	Rise & Fall Bracket (Coated – Black Only)
BRF9	Rise & Fall Bracket (Galvanised)







65mm Square Cast Effect

Dimensions 65mm x 65mm

For use with 106mm Prostyle Cast Effect Guttering

Anthracite Olive **Porcelain** Black White Grev Green

Graphite Oxford Chartwell Sandstone Grev Blue Green

Please note colours other than Black have a lead time of 3 weeks

Code	Item
BR5018LCI	Downpipe 1.8m with lugs
BR5025LCI	Downpipe 2.5m
BR506LCI	Coupler with Lugs
BR506CI	Plain Coupler
BR507LCI	Downpipe Clip
BR575CI	75mm Offset
BR5115CI	115mm Offset
BR5150CI	150mm Offset
BR5000CI	Adjustable Offset









BR507LCI

BR575CI

BR5150CI

BR5000CI

BR513LCI







BR209CI



BR221LCI









BRFP55CI BR516LCI BR512LCI

BRSP1CI

Code	Item
BR513LCI	50mm Plinth Offset with Lugs
BR508CI	92 ½ degree bend
BR519CI	135 degree bend
BR509CI	112 ½ degree Spigot Offset Bend
BR518CI	112 ½ degree Branch
BR16LCI	Shoe with Lugs
BR512LCI	Anti-Splash Shoe with Lugs
BRFP55CI	Lug Fixing Pack (10 x 55mm screw)
BRSP1CI	Spacer Pack (10 x 5mm Spacers)

Also available -68mm Corner Fit Downpipe

Round downpipe that sits in the 90 degree angle between wall faces. For use with 106mmProstyle, 112mm Roundstyle and 115mm Deepstyle Cast Effect Guttering.







Cast Iron Effect Downpipe

68mm Round Cast Effect

Dimensions

68mm Diameter

For use with

106mm Prostyle, 112mm Roundstyle and 115mm Deepstyle Cast Effect Guttering



Black



Anthracite Grev



Olive Green Porcelain









Oxford Blue



Please note colours other than Black have a lead time of 3 weeks









BR2025LCI

BR206LCI

BR206CI

BR207LCI



BR275CI

BRSP1CI

BR2230CI

BR2380CI

BR213LCI

Code	Item
BR208CI	92 ½ degree bend
BR219CI	135 degree bend
BR209CI	112 ½ degree Spigot Offset Bend
BR221LCI	112 ½ degree Spigot Bend with Lugs L/H
BR221RCI	112 ½ degree Spigot Bend with Lugs R/H
BR218CI	112 ½ degree Branch
BR220CI	135 degree Branch
BR16LCI	Shoe with Lugs
BR212LCI	Anti-Splash Shoe with Lugs
BR214LCI	Handed Shoe with Lugs L/H
BR214RCI	Handed Shoe with Lugs R/H
BRFP55CI	Lug Fixing Pack (10 x 55mm screw)

Spacer Pack (10 x 5mm Spacers)

Code	Item
BR2018LCI	Downpipe with Lugs 1.8m
BR2025LCI	Downpipe with Lugs 2.5m
BR206LCI	Coupler with Lugs
BR206CI	Plain Coupler
BR207LCI	Downpipe Clip
BR275CI	75mm Offset
BR2115CI	115mm Offset
BR2150CI	150mm Offset
BR2230CI	230mm Offset
BR2305CI	305mm Offset
BR2380CI	380mm Offset
BR2455CI	455mm Offset
BR2000CI	Adjustable Offset
BR213LCI	50mm Plinth Offset with Lugs









BR208CI

BR219CI

BR209CI

BR221LCI









BR220CI

BR216LCI

BR212LCI

BR214RCI









105mm Round Cast Effect

Dimensions 105mm Diameter

For use with 170mm Deepstyle Cast Effect Guttering

Black Anthraci

Anthracite Grey Olive Green

Graphite Grey

Oxford Blue

Colours other than Black have a lead time of 3 weeks

Code	Item
BR9018LCI	Downpipe with Lugs 1.8m
BR906LCI	Coupler with Lugs
BR906CI	Plain Coupler
BR907LCI	Downpipe Clip
BR2115CI	115mm Offset
BR2150CI	150mm Offset
BR2230CI	230mm Offset
BR2305CI	305mm Offset
BR9380CI	380mm Offset
BR9455CI	455mm Offset
BR908CI	92 ½ degree bend





Code	ltem
BR909CI	112 ½ degree bend
BR919CI	135 degree bend
BR918CI	112 ½ degree Branch
BR916LCI	Shoe with Lugs
BRFP75CI	Lug Fixing Pack (10 x 75mm screw)
BRSP1CI	Spacer Pack (10 x 5mm Spacers)

Also available: 100mm x 75mm Rectangular

For use with 170mm Deepstyle Cast Effect Guttering. Please ask for brochure for full details.







Rainwater Hoppers for 65mm Square & 68mm Round Downpipe

An extensive range of authentic hopper styles and designs provides the opportunity for the designer and home owner to individualise their rainwater system.







Bath



Gothic

Ogee

Decorated

Undated Hoppers are available with adornments.



Undated

Item	Code	Size (W x D x H) in mm
Small Ogee	BRH1*	290 x 170 x 236
Medium Ogee	BRH2	326 x 201 x 245
Bath	BRH3	380 x 150 x 364
Gothic	BRH4	370 x 180 x 394
Small Undated	BRH5	540 x 198 x 332
Long Undated	BRH6	386 x 180 x 270

* Small Ogee suits 68mm only



Dated Long BRH5D Small BRH6D



Tudor Rose Long BRH5TR Small BRH6TR



Gargoyle Long BRH5G Small BRH6G



Lion Long BRH5LN Small BRH6LN



Fleur De Lys Small BRH6FDL



Leaf
Small BRH6LF



Shell Long BRH5SL



Four Leaf Square
Long BRH5FLS

Hoppers for 105mm & 100 x 75mm Downpipe

Bath – Lion 105mm BRH55LN 100 x 75mm BRH84LN

W D H: 463 x 207 x 420



Bath – Windowed 105mm BRH55WI 100 x 75mm BRH84WI W D H: 463 x 207 x 420 **Long Undated 105mm** BRH54
W D H: 590 x 207 x 330

Bath – Plain* 105mm BRH55 100 x 75mm BRH84

W D H: 463 x 207 x 420 *Available Dated

77 Cast Iron Effect Soil







110mm Soil Pipe System

Designed to incorporate traditional cast iron detailing with all the benefits of a plastic system, the Cast Iron Effect Soil System provides a cost-effective alternative to Cast Iron in renovation or new build projects.

Black Anthracite Green Olive Green Porcelain White

Sandstone Graphite Oxford Chartwell Green

Please note colours other than Black have a lead time of 3 weeks



Code	Item
BS413CI	S/S Pipe 2.5m
BSS1LCI	Socket Shroud with Lugs (Fits over clip)
BSS2CI	Socket Shroud Plain (Fits over socket)
BS406CI	Connector
BS407LCI	Pipe & Socket Bracket
BS420CI	92½° S/S Bend
BS421CI	112½° S/S Bend
BS480CI	92½° D/S Bend
BS482CI	135° D/S Bend

Code	ltem
BS500CI	500mm Long Offset Pipe
BS417CI	92½° D/S Branch Plain
BS451CI	92½° D/S Branch with 4 Bosses
BS410CI	S/S Access Pipe
BS480CI	92½° S/S Access Bend
BS445CI	S/S Triple Boss Pipe
BS427CI	Vent Cowl
BS428CI	Weathering Collar







BS451CI



BS417CI

BS410CI

BS480CI

BS427CI

8

7CI BS428CI



Heritage Cast Iron

Available in a primed finish ready for painting on site or in a choice of colours.

Guttering is available in Half Round Socketed, Half Round Beaded, Victorian Ogee, and Moulded profiles with either Round or Rectangular Downpipes.

A **100mm Round Soil Pipe** system is also available.





Heritage Cast Aluminium

Available in a milled finish ready for painting on site or in a choice of colours.

Guttering available in Half Round, Beaded Half Round, Beaded Deep Run, Victorian Ogee and Moulded profiles with Circular, Square and Rectangular Downpipes.

For more contemporary designs try









Steel

Aluminium

Zinc

Copper

For full details please ask for a catalogue





JFC Drinkers & Troughs

A range of drinkers suitable for internal & external use. Constructed from a plastic with a high freeze/thaw cracking resistance, with rounded edges for animal safety.

Code	Capacity (Litres)	Item	Dimensions (mm)
DBL	16 Litres	Conventional Drinker	395 x 400 x 340
DBL2	29.5 Litres	Sheep/Calf Drinker	1250 x 237 x 235
DBL3	22 Litres	Corner Drinker	660 x 482 x 241
DBL4	4 Litres	Micro Drinker	330 x 254 x 228







DBL3

DBL4



DBL5











DBL9 **KDBL**

Code	ltem	Capacity (Litres)	Dimensions (mm)
DBL5	Nose-fill Drinker (Wall Fix)	2 L	254 x 254 x 230
DBL8	Nose-Fill Drinker (Double Entry)	20.5 L	260 x 220 x 300
DBL8H	Heated Nose-Fill Drinker 24vDC (Double Entry Valve)	20.5 L	260 x 220 x 300
DBL9	Dumpy Tip Over Drinker	3.5 L	360 x 230 x 340
KDBL	Clean Drink Bowl	20.5 L	525 x 375 x 300

Single Reservoir Troughs

Code	Туре	Capacity	Dimensions (mm)
DT10	Single Reservoir	53 L	685 x 457 x 255
DT27	Corner Trough	100 L	940 x 660 x 335

Particularly suited for calves, horses, goats and sheep.







Code	Capacity (Litres)	Dimensions (mm) L x W x H
DT20	100 L	889 x 508 x 330
DT30	136 L	1193 x 482 x 280
DT40	181 L	1298 x 472 x 579
DT70	282 L	1372 x 635 x 451
DT90	400 L	1500 x 685 x 533

Double Reservoir Troughs

Can be positioned between two zoned areas.







Fast Fill Troughs

Fitted with fast flow float valve (175L/min @ 3 bar pressure) protected within an easily accessed service compartment.

Code	Capacity (Litres)	Dimensions (mm) L x W x H
ID25	25 Litres	620 x 560 x 350
ID80	80 Litres	990 x 597 x 460
ID100	100 Litres	1100 x 550 x 645







Insulated Water Troughs

Constructed with high density polyurethane foam positioned between two polyethylene walls. Designed to prevent water freezing in conditions as low as -25°C.



Galvanised Troughs

Available with service box. Optional concrete supports also available.

Size	Size Capacity Dim (Gallons/Litres)	
4 Foot	48 Gal/218 L	1220 x 457 x 405
5 Foot	60 Gal/272 L	1525 x 457 x 405
6 Foot	72 Gal/327 L	1830 x 457 x 405
8 Foot	96 Gal/436 L	2440 x 457 x 405
10 Foot	120 Gal/545 L	3050 x 457 x 405





Feed Equipment

Durable and functional, designed to prevent feed spillage and waste, these impact resistant feeders are capable of withstanding aggressive horseplay.

Code	Item	W x H x D (mm)
EQ1	15 Litre Wall Feeder	470 x 190 x 343
EQ2	20 Litre Corner Feeder	660 x 190 x 419
EQ3	15 Litre Circular Floor Feeder	680 dia. x 229 H
EQ4	10 Litre Square Floor Feeder	475 x 165 x 475
EQ5	12 Litre Foal Feeder	370 x 200 x 355





Code	Item	W x H x D (mm)
EQ10	16 Litre Swivel Door Feeder	660 x 190 x 419
FCF01	Ringfort Foal Feeder	1300 x 1180 x 1300
EQ6	14 Litre Flat Sided Stable Bucket	*Wall/Post mountable*
MLC01	Mineral Lick Holder	305 x 260 x 260

EQ4

Pony House

Portable housing for ponies or small horses. Fitted with roof and rear vents.

L3404mm **W**1925mm **H**2184mm



Tack Box

Lockable storage box with hinged lid.

Capacity 292 litres



EQ5

Stable Mats

Rubber mat which saves bedding costs and reduces mucking out time.

L1800mm W1200mm D17mm



Play Ball

Capable of withstanding aggressive horseplay. With robust teeth grip.

225mm diameter





Corri **Troughs**



Ideal for in-shed feeding, particularly along aisles and passageways.

Radiuses available: 225mm, 300mm, 375mm Length 2.3m

Round **Feed Trough**



Acts as a meal feeder when placed into a standard 20 space round feeder. Can also be used for hay & silage.

Diameter 2133mm Height 228mm

Hay **Feeders**



Gate mounted feeder to keep feed dry. With galvanised hanging brackets that allow feeder to be easily moved.

80 Litres W790mm D460mm H710mm 100 Litres W920mm H500mm D430mm

Calf Teat Feeder



For supplying milk to several calves at once. With gate/fence hooks. Sizes available:

1 Teat (8I), 6 teat (30I), 10 teat (50I)

Ground **Feed Troughs**



Will not rot, unlike traditional metal and wooden feeders. Suitable for both wet and dry feed.

15 Litres L1000mm W300mm D155mm 30 Litres L1854mm W279mm D127mm

Gate Feed **Troughs**



With reinforced hooks for attaching to a gate, rail or fence.

23 Litres W711mm H381mm D304mm 45 Litres W1422mm H381mm D304mm

Calf Creep Feeders



Fitted with hinged lid and protection cover from birds and rain. With two galvanised steel hanging brackets.

40kg Cap. W790mm **D**460mm **H**710mm 60kg Cap. W1025mm D600mm H950mm

Feed Buckets

Single unit available in 5, 9, 12 or 15 litre capacities. Double (12I) or triple (17I) units available for multiple calf feeding.

Available bored for use with calf teat.



Feed Storage



Storage bins with lockable lids which can easily be transported with forklift, bale handler or loader. Can also be used for storing home fuels or grit.

Capacities available:

100 Litre, 175 Litre, 350 Litre, 1000 Litre & 2000 Litre

Haybell

Designed to fit over a standard round bale, protecting hay in all weather conditions.

Sheep Dip Tank



Vertical tank for dipping & bathing sheep in disinfectant solution. Designed for in ground installation with a stepped exit. 1136 Litre capacity.

Storage Solutions



Lockable units available for the storage of:

- Chemicals, Medicine & First Aic supplies
- · Pesticides & other farmyard chemicals
- Artificial Insemination Equipment

Calf Hutches



Outdoor ventilated hutch system for housing calves in the first 8-10 weeks of life, reducing calf mortality and cross infection. Can also act as an isolation unit when buying new calves or administering treatment to infected stock. Options available for single and group housing.

Footbaths



Available to suit either cattle or sheep. Profiled base option available which opens hooves for extra penetration of solution.

Sheep Trailer



For use with ATVs. Tough polyethylene body mounted on galvanised steel frame, with aluminium checker plate floor.

Available with plastic door or steel door.

Plasson Poultry



A range of poultry systems offering professional solutions for every need. Including Breeder, Broiler, Pullet and Turkey Drinkers.







Wheelbarrows

Fitted with galvanised frame and roller bearing pneumatic wheels, these barrows are easy to handle, and are ideally suited for use around the farmyard, at the stable or in the garden.

Code	Item	Capacity
TWB250	2-Wheeled Tipping Barrow	250 Litres
TWB400	2-Wheeled Tipping Barrow	400 Litres
TWB500	2-Wheeled Tipping Barrow	500 Litres
TWBG	2-Wheeled Barrow (non-tipping)	250 Litres
TWB2-G	3-Wheeled Barrow (non-tipping) with Heavy duty swivel wheel	250 Litres
TWB7	Slim Line Feed Barrow	250 Litres



ATV Equipment

Strong and durable, with an easy-to-use tipping mechanism, galvanised chassis and pneumatic wheels JFC's ATV trailers are suitable for use with Quad Bikes or All-Terrain-Vehicles.

The ATV carrier box keeps contents safe and dry. An optional Locking lid is also available.





Code	ltem	Capacity
ATV250	ATV Tipping Trailer	250 Litres
ATV400	ATV Tipping Trailer	400 Litres
ATV500-2	ATV Tipping Trailer	500 Litres
ATV-CBS	ATV Carrier Box	150 Litres
ATV-CBD	ATV Carrier Box	200 Litres







"Rhyno" Woven Geotextile

Made from polypropylene tapes, this strong, robust and durable geotextile combines high tensile strength with exceptional puncture resistance to give outstanding performance and longevity.

Ideal for separation, reinforcement, drainage filtration. Rhyno reduces the degradation of any surface that relies on an aggregate sub-base by distributing loads more evenly and reducing rutting. Its resistance to all naturally occurring soil acids and alkalis, means rhino can be relied upon to continue performing underground for many years.

Suitable for Paved & unpaved roadways, Pathways, Patios.

"Ekotex" Non-Woven Geotextile

Non-rotting thermally bonded and needle punched permeable polypropylene geotextile. Ideal for separation, protection, filtration, drainage, reinforcement and stress relieving. Available in a range of grades from 100g/m2 up to 300g/m2.

Suitable for Roadways, Car parks, Haulage yards, Working platforms, Drainage systems, and Sports grounds.





Fiberforce Equestrian Geotextile

A thicker grade of Non-woven geotextile specifically designed for the demands of equestrian arenas. Available in three grades:

Arena, Extra, Premium

2-in1 Weed Suppression Fabric

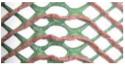
Black and UV stable combined Non-Woven geotextile and weed suppression fabric. With a higher material density than many of its competitors, at 80 gr/m², it creates more shade beneath which allows higher numbers of water and oxygen to reach the soil below. Suitable for driveways, Paths, Patios, Timber decking, Block paving, and Soft landscaping under turf.





Ground Reinforcement

Plastic tile used for strengthening ground conditions. Suitable for grass and stone infill. Ideal for car parks, pathways, disabled access.



Turfmesh

Cost effective, easily installed solution for grass reinforcement, offering a robust and reliable way of protecting grassed areas from pedestrian and vehicular traffic.



DuoDrain

Three-dimensional polymer core bonded to a geotextile and an impermeable membrane, providing transmissivity and filtration. Suitable for Buried structures, Retaining walls, Reservoir roofs and walls, Block paving drainage, Sports grounds, Road edge drainage, and Drainage systems in landfill.



Warning Barrier

For use in brownfield sites, where hazards have been contained underground. Highly recognisable, UV resistant, environmentally compatible, resistant to most acids & alkalis, and unaffected by microbiological organisms.



RockBox Gabions

Wire mesh containers which are filled with stone to create robust and attractive structures for demanding applications such as retaining walls.



Cellweb

Tree root protection system that protects roots from the damaging effects of compaction and desiccation, whilst creating a stable, load bearing surface for vehicular traffic.



Bentotex Pond Liners

Impermeable clay liner used as a fluid or containment barrier, specifically designed for landfill, lagoon and bund lining. When hydrated provides a better hydraulic performance than a metre of compacted clay, and has the ability to seal around penetrations, self heal punctures and seal at overlaps.



Damp Proof Membrane

Impermeable polythene membrane used to prevent ingress of water in a variety of applications. Other membranes are available to block other harmful contaminants, such as Radon gas.





Aquablock Liners

A range of HDPE, LLDPE, Polypropylene and EPDM impermeable membranes for the containment and management of solids, liquids and gases. Suitable for use as a pond liner.



Trinter

Erosion control netting made of strong polyethylene and polypropylene that offers permanent protection against soil erosion from the moment it is installed.



TTF

Total Traffic Exopave is a Heavy Duty Paver designed for HGV use. Capable of withstanding weight of up to 40 tonnes and can be filled with either grass or gravel infill for permanent and overspill coach or HGV parking applications.



Strataweb

A three-dimensional cellular confinement system that provides an effective and economical solution in a wide variety of applications. Typical uses include ground stabilisation for load support, erosion and topsoil retention control on slopes, retaining walls and channels.



Rootblock

Root barrier with high strength woven HDPE core laminated, both sides, to a UV stabilised LDPE carrier layer. Developed for a broad spectrum of indigenous trees and shrubs



Roofcell

Lightweight, high strength, interlocking module that provides excellent sub-soil drainage and water storage for green roofs, planters and landscaped decks.



Geogrids

Interlock Biaxial and Tenax Biaxial and Uniaxial geogrids for reinforcement of paved and unpaved roads, piling mats and working platforms.

Stratagrid Uniaxial and Tenax TT geogrids are suitable for soil wall and slope reinforcement.



Landlok

aesthetically An pleasing Green alternative to concrete solutions in natural settings. These 1st and 2nd generation turf reinforcement mats are non degradable and when vegetated, will provide twice the erosion protection of vegetation alone.





Email sales@pipetek.co.uk

Visit www.pipetek.co.uk

33B Waterloo Industrial Estate

Bidford on Avon

B50 4JH

Telephone 01789 491 200

Opening in 2022 -

Pipetek Supplies Ltd Oxfordshire Depot

Oats Barn

Spring Hill Farm

Barford St Michael

OX15 OPL

Telephone 01869 229 129