



# **Experts in Plastics**

The most comprehensive range of plastics materials for the Civil, Building, Utility, Construction & Agricultural industries available from one source.



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ELECTRIC	MOTORWAY	STREET LIGHT	GAS	WATER	CABLE TV	TELECOMS
	COMS	TRAFFIC LIGHT				



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#### General Purpose PVCu Ducting System

A lightweight general purpose ducting available in 2", 3", 4", 6" & 8" nom diameters with a range of bends, junctions, end caps etc.

Due to the advance of superior ducting, some of these sizes are now only available to special order.



#### **Polyethylene Cable Ducting**

ENATS12-24 approved electric cable ducting Available in the following sizes: 32/38mm— 50m & 100m coils 38/44mm—50m & 100m coils 50/60mm—25m & 50m coils

A range of polyethylene ducting is also available for directional drilling



#### Twinwall Cable Ducting

ENATS12-24 approved electric cable twinwall ducting Available in the following sizes: 100mm nom diameter 2m, 3m & 6m lengths 125mm nom diameter 2m, 3m & 6m lengths 150mm nom diameter 2m, 3m & 6m lengths A full range of fittings also available



#### EN50086-2-4 Coiled Twinwall Ducting

A range of general purpose 450N coiled electric cable ducts c/w draw cord/wire Ex-stock: 50/63mm x 50m coil 94/110mm x 50m coil 140/160mm x 25m coil

\*Available to order: 31/40mm, 40/50mm, 60/75mm, 71/90mm

Tel: 0871 2000997

Fax: 0871 2000998 e-mail: sales@egsutilities.co.uk



#### EN50086-2-4 Twinwall Ducting



General purpose 450N electric cable ducting Ex-stock: 94/110mm x 6m length c/w coupling 125/145mm x6m length c/w coupling 150/178mm x 6m length c/w coupling

To order & subject to minimum order quantity: 75/90mm, 100/120mm, 108/125mm, 138/160mm & 175/200mm



A limited range of cable ducting in various materials is available to order in Red for specific Energy Providers



<u>Class 1 PVCu Cable Ducting</u> Guaranteeing 450N compression performance at operating temperatures up to 75°C

<u>Class 2 PVCu Cable Ducting</u> Guaranteeing 450N compression performance at operating temperatures up to 50°C

Please note: This is a specialised product, please ask for advice. This ducting available to order in the following diameters: 38mm, 53.9mm, 88.9mm, 96.5mm, 110mm 125mm, 160mm, 168mm & 200mm A range of long radius 11¼° bends, 22½° bends, couplings & end caps are also available to suit

#### Important!

Energy Providers often specify LV & HV electric cable ducting that is unique to them. It is therefore critical that the correct specification of ducting is installed. EGS Utilities can provide duct systems that are approved by the following Energy Providers. Our experienced sales staff will be happy to advise you.





# **Telecommunications**









**PVCu Telecommunications Ducting** 

54mm x 3m s/s Grey 96.5mm x 6m s/s Grey 96.5mm Grey Repair Kits x 3m





110mm x 6m Grey—Special Order Only

Bends, Couplings, Glands Caulking etc.

A full range of fittings available to suit including













**PVCu CATV Ducting** 

54mm x 3m s/s Green 96.5mm x 6m s/s Green 96.5mm Green Repair Kits x 3m

A full range of fittings available to suit including Bends, Couplings, Glands Caulking, Swept Tees, Cable Entry Covers etc.



#### EN50086-2-4 Twinwall Ducting

50/63mm x 50m Coil 94/110mm x 6m Length Couplings, Bends & Swept Tees also available to suit

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#### **Telecommunications Chambers—STAKKAbox™**

The STAKKAbox TM Telecommunications range provides network operators with access chambers and hand holes for backbone or local access networks. Independently strong, the STAKKAbox TM can be used in either the footway or roadway simply by changing the surface cover. Chambers come fully kitted with cable loop organisers and joint enclosure supports and with a prefitted floor/base with drainage. As the STAKKAbox TM is a modular chamber, additional sections can be added to increase the depth if required. Surface covers to EN124 Lightweight Composite covers and steel frames or Concrete infill covers and steel frames, both to B125 for footway or one man easy access Hinged Ductile Iron covers and frames to D400 for carriageway. Both are lockable as an option for added security. If total security is required, Subsurface security covers are also available.

All STAKKAboxes TM are made of 150mm interlocking sections, making increased depth simple to achieve Cable and joint enclosure organisation is simple, with our prefitted cable management systems

#### Access to deeper chambers is possible via prefitted steps

Duct entry is made simple using our entry connectors for smaller HDPE duct or Bellmouths for larger twin wall or PVC Ducts

Bases provide a finished floor with drainage hole



Clear		Maxir	Maximum			
Оре	ening	Outs	Outside			
Length	Width	Length	Width			
420mm	240mm	552mm	372mm	150mm		
530mm	380mm	662mm	512mm	150mm		
600mm	450mm	689mm	539mm	150mm		
600mm	600mm	689mm	689mm	155mm		
750mm	750mm	839mm	839mm	155mm		
900mm	450mm	989mm	539mm	155mm		
915mm	445mm	1045mm	575mm	150mm		
1160mm	380mm	1292mm	512mm	150mm		
1200mm	450mm	1289mm	539mm	155mm		
1200mm	600mm	1289mm	689mm	155mm		
1310mm	610mm	1410mm	710mm	150mm		
1380mm	530mm	1512mm	662mm	150mm		
1500mm	750mm	1600mm	850mm	150mm		









Fax: 0871 2000998



#### **Telecommunications Chambers– Quadbox™**

The Quadbox system is available in standard 150mm deep structural twinwall ring sections providing maximum depth flexibility and strength and is available in the following industry standard clear opening dimensions

Product Code	<b>Clear Opening</b>
JMF102	725mm x 255mm
<b>JMF104</b>	915mm x 445mm
<b>JMF106</b>	1310mm x 610mm
<b>JMF110</b>	2325mm x 750mm
JMF111	1725mm x 750mm
Q7	300mm x 300mm
Q1	600mm x 450mm



#### **Drop In Furniture**

One of the novel features of Quadbox is that box furniture items drop into ready made pockets within the chamber. This removes any requirement to cast-in fixings or to drill on site adding to the time savings available to users.

#### **Duct Entries**

Duct entries are also simple to achieve using a standard hole saw mounted on a cordless drill. The chambers incorporate guides which identify drilling points to ensure correct duct spacing

#### **Network Overbuild**

The modular design of Quadbox makes it perfect for overbuilding on existing ducted networks. Existing cables can be managed through the chambers walls and duct entries can be cut in any location. Chambers can also be benched to avoid existing services.

<u>Quadbox™ the choice for BT</u> BT has approved Quadbox for use in its network.









Telr-0.8787 (2000997





BT

FaxF2878720200998 e-mailaisalas@egsutilities.conuk





Streetlighting

#### Solid Wall Polyethylene Ducting



63mm Orange Ducting in 4m or 6m lengths or 50m coils 107mm & 110mm Orange Ducting in 6m lengths Printed 'STREETLIGHTING'



EN50086-2-4 Twinwall Ducting

50/63mm & 94/110mm Orange Twinwall Ducting 50m Coils 94/110mm Orange Twinwall Ducting 6m lengths printed 'STREETLIGHTING'

# **Traffic Signals**





Solid Wall Polyethylene Ducting

63mm Orange Ducting in 4m or 6m lengths or 50m coils

107mm & 110mm Orange Ducting in 6m lengths



EN50086-2-4 Twinwall Ducting

50/63mm & 94/110mm Orange Twinwall Ducting 50m Coils 94/110mm Orange Twinwall Ducting 6m lengths printed **'TRAFFIC SIGNALS'** 

# **Motorway Communications**



Solid Wall Polyethylene Ducting





110mm & 125mm Purple PE80 SDR11 Ducting for Directional Drilling, Printed 'MOTORWAY COMMUNICATIONS'



EN50086-2-4 Twinwall Ducting

50/63mm & 94/110mm Orange Twinwall Ducting 50m Coils 94/110mm Purple Twinwall Ducting 6m lengths printed 'MOTORWAY COMMUNICATIONS'

Tel: 0871 2000997

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#### STAKKAbox<sup>™</sup> Traffic Signalling & Streetlighting Chambers

- VERY strong—the only UK TSSL Chamber that takes a 40 tonne vertical load without the need for concrete backfill
- Lightweight—1 man installation
- Simple duct entry via pre-made & capped holes
- Full range of lightweight composite covers



Clear opening	Outside maximum	Duct Entries	Product Code
300 x 300	389 x 389	8	A253
450 x 300	539 x 389	10	A254
450 x 450	539 x 539	12	A255
600 x 450	689 x 539	14	A256
600 x 600	689 x 689	16	A257
900 x 450	989 x 539	18	A258
900 x 600	989 x 689	20	A259

Comparison to liner systems						
LINER	VS	<u>STAKKAbox™</u>				
< 5 Tonnes	Unsupported vertical loading	BSEN124 D400				
No Standard	Unsupported side loading	BS5834-1: 1985				
Νο	Fits around existing services without losing structural integrity	Yes				
=	Installed cost comparison	=				
BRICK	VS	<b>STAKKAbox</b> ™				
2 Days	Time to construct	30 Minutes				
Yes	Skilled labour required	Νο				
+50%	Installed cost comparison	-50%				

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## **Access Chambers**

Access Chambers: Single Units—320mm High Double Units—650mm High Triple Units—985mm High

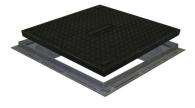
Sizes: 290mm x 275mm 450mm x 300mm 450mm x 450mm 600mm x 450mm 600mm x 600mm

Pole Boxes 640mm high: 290 x 275 (325w x 310d c/o) 290 x 275 (325w x 310d c/o) 450 x 450 (470w x 470d c/o) 450 x 450 (470w x 470d c/o) Available with 114mm or 140mm Pole box



Composite, Galvanised Steel & Ductile Iron Covers available to suit







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Fax: 0871 2000998 e-mail: sales@egsutilities.co.uk







# Rail





63mm Orange Polyethylene Ducting x50m coil 90mm, 107mm &110mm Orange Polyethylene Ducting 6m lengths

### Water



EN50086-2-4 Twinwall Ducting

63mm & 110mm Blue Twinwall Ducting 50m Coils

EN50086-2-4 Twinwall Ducting

110mm, 150mm, 225mm & 300mm Blue Twinwall Ducting 6m lengths





EN50086-2-4 Twinwall Ducting

63mm & 110mm Yellow Twinwall Ducting 50m Coils

EN50086-2-4 Twinwall Ducting

110mm, 150mm, 225mm & 300mm Yellow Twinwall Ducting 6m lengths



Transco Spec

60mm & 100mm Yellow Perforated Ducting 50m Coils



Fax: 0871 2000998



# **Directional Drilling**





#### POLYETHYLENE ELECTRIC CABLE DUCT

Printed 'DANGER ELECTRIC DUCT'

Pipe od (mm)	Length (m)	Height (m)	Width (mm)	Core (m)	Weight (kg)
110*	100	3.2	450	2.5	206
125*	100	3.2	600	2.8	450
160	100	3.8	700	3.0	700
180	100	3.8	830	3.0	900

Bi-weekly UK Mainland Delivery service on all above products

\* Available Ex-Stock with crane offload (by prior arrangement)

Also available to order in Red, Purple & Orange (subject to minimum quantity)



# **Directional Drilling**

POLYETHYLENE ELECTRIC CABLE DUCT							
OD	Length	SDI	R11	SDI	R17	Pack/ metres	Pack/ metres
(mm)	(m)	kg/m	Vol/u	kg/m	Vol/u	SDR 11	<b>SDR 17</b>
63 mm	12	1.05	6.09	х	х	1392	х
	6	1.05	3.04	Х	х	696	х
75 mm	12	1.47	7.36	1.02	7.36	1224	1224
	6	1.47	3.68	1.02	3.68	612	612
90 mm	12	2.12	8.48	1.46	8.48	972	972
	6	2.12	4.24	1.46	4.24	486	486
110 mm	12	3.14	7.71	2.17	7.71	576	576
	6	3.14	3.86	2.17	3.86	288	288
125 mm	12	4.08	7.22	2.76	7.22	408	408
	6	4.08	3.61	2.76	3.61	204	204
140 mm	12	5.08	9.48	3.46	9.48	456	456
	6	5.08	4.74	3.46	4.74	228	228
160 mm	12	6.67	7.00	4.52	7.00	240	240
	6	6.67	3.50	4.52	3.50	120	120
180 mm	12	8.42	7.45	5.71	7.45	208	208
	6	8.42	3.72	5.71	3.72	102	102
200 mm	12	10.4	7.69	7.05	7.69	168	168
	6	10.4	3.84	7.05	3.84	84	84
225 mm	12	13.1	9.48	8.93	9.48	168	168
	6	13.1	4.74	8.93	4.74	84	84
250 mm	12	16.2	9.47	11.0	9.47	132	132
	6	16.2	4.73	11.0	4.73	66	66
280 mm	12	20.3	11.61	13.7	11.61	132	132
	6	20.3	5.81	13.7	5.81	66	66
315 mm	12	25.6	11.04	17.4	11.04	96	96
	6	25.6	5.52	17.4	5.52	48	48
355 mm	12	32.5	5.41	22.1	13.95	36	96
	6	32.5	6.97	22.1	6.97	48	48
400 mm	12	41.3	6.76	28.0	6.76	36	36
	6	41.3	3.38	28.0	3.38	18	18

Also available to order in Red, Purple & Orange



Tel: 0871 2000997

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# **Ancillaries & Installation Equipment**



**Marker Tapes** 



**Traceable Marker Tapes** 



**Duct Plugs** 



#### **Bellmouths/End Caps**



**Sub Ducts** 



Weak Links/Fuses



**Cable Tape Tile** 



REIM





**Duct Spacers** 



**Bends, Hockey Sticks, Tees** 





Towing **Heads** 











**Pipe Bursting Equipment** 

EGS can provide a wide range of pipe installation equipment, if the item you require is not shown above, please call the sales office who will be happy to advise

**Pipe Pigs & Brushes** 

Tel: 0871 2000997

Fax: 0871 2000998







**Hydrant Marker Posts & Plates** 



**Drawcord 220m rolls** & 500m Drums



#### **Spilt Twinwall Ducts**



**Multi Cable Puller** 









Diameter/ Coil Length	25m coil	50m coil	100m coil	150m coil
20mm	•	••	••	•
25mm	•	••	••	•
32mm	•	••	••	•
40mm			•	
50mm	•	••	••	•
63mm	•		••	•

Standard coil lengths stocked 
Blue 
Black

Blue for potable water Black for irrigation

**PE100 Water Service Pipes Large Bore** 

Available in the following:

SDR11 16 bar / 90mm—710mm SDR17 10 bar / 90mm—1000mm SDR21 8 bar / 160mm—1000mm SDR26 6 bar / 160mm—1000mm

Available in 6m & 12m lengths in all sizes & SDR ratings

Available in 50m & 100m coils 90mm—180mm SDR11 & SDR 17 only

Please note that some sizes & SDR ratings are available to order only and subject to minimum order quantities please check availability



Blue for potable water ■ Black for irrigation/dirty water

Tel: 0871 2000997







#### **MDPE BARRIER PIPE SYSTEM FOR** POTABLE WATER FOR USE IN **BROWNFIELD SITES & CONTAMINATED GROUND**



System includes:

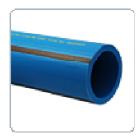
25mm Tubox-AL Barrier pipe x 50m 32mm Tubox-AL Barrier pipe x 50m 63mm Tubox-AL Barrier pipe x 6m 63mm Tubox-AL Barrier pipe x 50m 90mm Tubox-AL Barrier pipe x 50m 25mm Tubox-AL Coupling 32mm Tubox-AL Coupling 25mm x <sup>3</sup>/<sub>4</sub>" Tubox-AL Male Thread 32mm x 1" Tubox-AL Male Thread 25mm x <sup>3</sup>/<sub>4</sub>" Tubox-AL Female Thread 32mm x 1" Tubox Female Thread 25mm Tubox-AL Elbow 32mm Tubox-AL Elbow 25mm Tubox-AL Tee 32mm Tubox-AL Tee 15mm Copper x <sup>3</sup>/<sub>4</sub>" Male Thread Adaptor 22mm Copper x <sup>3</sup>/<sub>4</sub>" Male Thread Adaptor 28mm Copper x 1" Male Thread Adaptor 22mm Copper x <sup>3</sup>/<sub>4</sub>" Female Thread Adaptor 28mm Copper x 1" Female Thread Adaptor 3/4" Female Threaded Brass Stoptap BS1010 1" Female Threaded Brass Stoptap BS1010 Aluminium foil tape 50mm wide x 45m long 50mm wide x 10m long Petrolatum Tape **Deburring Tool** Pipe Cutters (25-32mm)

Nom Size SDR11	Core Pipe wall thickness	Aluminium wall thickness	PE Cover wall thickness		
mm	mm	mm	mm		
25	2.3	.11	1.0		
32	3.0	.11	1.0		
63	5.8	.11	1.3		
90	8.2	.11	1.3		
110	10.0	.11	1.8		
125	11.4	.11	1.8		
180	16.4	.11	2.5		
250	22.7	.11	2.5		



Tel: 0871 2000997 Fax: 0871 2000998

Available in sizes up to 250mm diameter







### **A PROTECTA-LINE**

- Protecta-Line® encompasses a fully integrated system of pipe and fittings: Protecta-Line® Mechanical Compression Fittings, Protecta-Line® Stop Cocks, Protecta-Line® Self Tapping Ferrule Off-Takes and Protecta-Line® Fluid Compression Fittings
- The double bonded construction incorporates an impermeable metal barrier wrapped onto a standard central core pipe of Excel® (PE100) or PE80 conforming to BS EN 12201, BS 6572 or WIS 4-32-17
- No contact between the pipe's protective aluminium layer and drinking water
- Protecta-Line® pipe is from 25mm to 63mm in SDR11 PE80 and from 90mm to 180mm in SDR 11 and SDR17 PE100. Available in 6m and 12m sticks, 50m and 100m coils, depending on diameter
- 6m straight lengths are available at sizes 63mm to 180mm and 12m straight lengths are available at size 125mm and above
- All sizes are available in 50m coils; 100m coils are available at size 63mm and above. 63mm Protecta-Line® pipe is also available in 25m coils
- Protecta-Line® Mechanical Compression Fittings from 25mm to 63mm including Couplers, Reducers, Transition Fittings, Equal Tees and 90° Elbows
- Protecta-Line® Stop Cocks at 25mm and 32mm
- Protecta-Line® Self Tapping Ferrule Off-Takes in main sizes 63mm to 180mm, with 25mm and 32mm outlets
- Protecta-Line® Fluid Compression Fittings from 63mm to 180mm including Couplers, Reducers, 90° Elbows, 45° Elbows, Equal Tees, Flanged Branch Tees and Stub Flanges
- Protecta-Line®'s multi-layer composite pipe prevents potential tainting caused by through-wall permeation in contaminated land
- Protecta-Line® is lightweight, flexible and easy to install just like conventional PE pipe
- Protecta-Line® is the most complete system of pipe and fittings available which are compliant with WIS 4-32-19



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## **Compression Fittings for Water 16mm—110mm**



#### A comprehensive range of fittings including;

- Couplings
  - Tees
- Elbows
- Reducers
- Male Adaptors
- Female Adaptors
  - Male Tees
  - Female Tees
  - Male Elbows
  - Female Elbows
- Wall Plate Elbows
- Reducing Elbows
  - Valves
- Universal Transition Fittings
  - Fitting Tools
    - Nipples
    - Bushes
    - Hosetails

#### Detailed price list available











Tel: 0871 2000997

Fax: 0871 2000998



#### **PE Fusion Fittings**







Electrofusion Fittings 20mm—315mm Butt Fusion Fittings 20mm—630mm

A full range of Fittings for PE systems are available in Electrufusion, Long Spigot & Pupped types, including;

- Couplings
  - Elbows
    - Tees
- Reducers
- Tapping Tees
- Duckfoot Bends
  - Saddles
  - Flanges
- Long Radius Bends
- Special Fabrications

Contact the sales office with your specific requirements











Full range of Automatic and Manual Electrofusion machines, including GPS & Bluetooth options are available to buy or hire

Tel: 0871 2000997

Fax: 0871 2000998 e-mail:



# **Valves & Strainers**

A wide variety of valves & strainers are available, please call the sales office with your specific requirements



# **Utility Chambers**

A range of Modular Chambers, Valve Boxes & Access Covers Contact the sales office for details







Tel: 0871 2000997

Fax: 0871 2000998 e-mail: sales@egsutilities.co.uk



**PVCu Pressure System** 





## A comprehensive range of pipe & fittings including;



- **Solvent Fittings**
- **Threaded Fittings** 
  - **Foot Valves**
  - **Check Valves**
  - **Ball Valves** 
    - **Butterfly Valves** •
- **Flange Adaptors**

Imperial sizes 1/2" - 4" Metric Sizes 20mm—225mm





### **Detailed price list available**









Also available to order in ABS

Tel: 0871 2000997

Fax: 0871 2000998









# Stop Tap Chambers, Meter Chambers & Ancillaries





**Meter Chambers** 

Water Meter Manifold

Meter Manifold Assembly









Stand Pipes

Repair Clamps

Squeeze off tools



# Pumps & Controls EGS provide a huge range of pumps for all your



needs: Borehole Submersible Pumps Well Pumps Submersible Drainer Pumps Centrifugal Pumps

We can also provide bespoke: Dataloggers Telemetry Control Panels & Starters

Full range of Automatic and Manual Electrofusion machines, including GPS & Bluetooth options are available to buy or hire

# Ducting



#### EN50086-2-4 Twinwall Ducting

63mm & 110mm Blue Twinwall Ducting 50m Coils

EN50086-2-4 Twinwall Ducting

110mm, 150mm, 225mm & 300mm Blue Twinwall Ducting 6m lengths



Tel: 0871 2000997

Fax: 0871 2000998





**Gas PE Pipe in Coils** 

Ex-Stock: 25mm x 50m coil PE80 SDR11 32mm x 50m coil PE80 SDR11 63mm x 50m coil PE80 SDR11 90mm x 50m coil PE80 SDR17.6 To order: 125mm x 50m coil PE80 SDR17.6 180mm x 50m coil PE80 SDR17.6 SDR11 Also available to order 90mm + Gas



Gas PE Pipe in straight lengths

Ex-Stock: 90mm x 6m PE80 SDR17.6 125mm x 6m PE80 SDR17.6 180mm x 6m PE80 SDR17.6 To Order: 250mm—630mm 6m lengths PE80 SDR17.6 90mm—630mm 12m lengths PE80 SDR17.6

SDR11 also available to order



**Pro-Fuse Gas Main** 



TracPipe Flexible Gas Pipe 12mm—50mm Nom Dia



TracPipe Ducting



Transco Spec Ducting

60mm & 100mm Yellow Perforated Ducting 50m Coils



EN50086-2-4 Twinwall Ducting

94/110mm, 150/177mm, 225/260mm & 300/360mm Yellow Twinwall Ducting 6m lengths 50/63mm & 94/110mm 50m coils

Tel: 0871 2000997

Fax: 0871 2000998 e-mail: sales@egsutilities.co.uk

Ducting



#### **Comprehensive Range of Fusion Fittings for Gas 20mm-315mm**













Gas Service Compression Fittings 25mm-63mm























**Gas Meter Boxes** 







Fax: 0871 2000998



**Gas Meters** 



## EGS EN1401 Drainage



Underground Drainage Systems 82mm—400mm

A full range of Pipe & Fittings available, including;

- Plain Ended & Ring Seal Pipes
  - Couplings
  - Bends
  - Junctions
  - Hoppers
  - Bottle Gullies
  - Yard Gullies
    - End Caps
  - Inspection Chambers
  - Backflow Valves
  - Special Fabrications

Detailed price list available

Subject to minimum orders, pipe can be produced with your own company name



Tel: 0871 2000997

Fax: 0871 2000998 e-mail: sales@egsutilities.co.uk



## **Twinwall Surface Water Drainage Systems**





#### Twinwall Surface Water Drainage Systems 100mm—1050mm

Pipes available Solid, Half Perforated & Fully Perforated

#### Available sizes:

100mm nom bore 6m length 150mm nom bore 6m length 225mm nom bore 6m length 300mm nom bore 6m length 375mm nom bore 6m length 400mm nom bore 6m length 450mm nom bore 6m length 500mm nom bore 6m length 600mm nom bore 6m length 750mm nom bore 3m or 6m length\* 900mm nom bore 3m or 6m length\* 1050mm nom bore 3m or 6m length\*

A full range of bends, junctions, couplings, sealing rings & adaptors are available to suit all sizes

\* To order









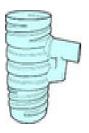


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# Yard & Road Gullies

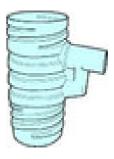




600mm x 300mm Yard Gully



750mm x 450mm Road Gully



900mm x 450mm Road Gully



Silt Bucket



**Multi-Adaptor** 



150mm x 25m Connector Pipe



Gully Grate & Frame





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### **Twinwall Sewer Drainage**







#### Twinwall Sewer Drainage Systems 150mm—900mm

Available sizes:

150mm nom bore 6m length 225mm nom bore 6m length 300mm nom bore 6m length 375mm nom bore 6m length 400mm nom bore 3m length 450mm nom bore 3m length 500mm nom bore 3m length 600mm nom bore 3m length 900mm nom bore 3m length

#### A full range of bends, junctions, couplings, sealing rings & adaptors are available to suit all sizes

Use of these systems is subject to local Water Authority Approval



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Fax: 0871 2000998







	25m coil	40m coil	45m coil	50m coil	100m coil	150m coil
60mm	÷.,					•
80mm	•			•	•	
100mm	•			•	•	
160mm	•		•			
200mm		•				

Coil sizes of perforated pipe as above

\* Colour supplied may vary

All diameters are available unperforated but in full coil lengths only



**Multi Junctions** 





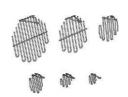




Couplings



**End Caps** 



Vermin Grids



Silt Traps

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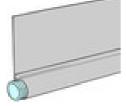
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#### **Fin Drains**







Type 6 Fin Drain 80mm x 600mm or 750mm Depth 100mm x 600mm or 750mm Depth 160mm x 600mm or 750mm Depth All 12.5m long Type 8 Filter Drain 60mm x 150m\* 80mm x 100m 100mm x 100m 125mm x 75m\* 160mm x 45m\* 200mm x 40m\* \* special order only

### **Linear Drainage**











EGS can provide linear drainage in GRC and plastics for every application from domestic through to airport runways. Please call the sales office with your specific requirements











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# **Flexible Couplings**



**Standard Couplings** In sizes from 100-115mm to 590-620mm



Large Standard Couplings In sizes from 601-699mm to 2000-2099mm







**Drain Couplings** In sizes from 85-100mm to 250-275mm



Adaptor Couplings

In sizes from 121-137mm/ 108-122mm То 395-420mm/265-290mm









Tees

In sizes from 41-48mm to 105-116mm





**Elbows** In sizes from 41-48mm to 105-116mm



Comprehensive range available– please call the sales office with your requirements Tel: 0871 2000997 Fax: 0871 2000998 e-mail: sales@egsutilities.co.uk



# **Drainage fittings & Ancillaries**



Drain Tracing Dyes



Wall Sleeves



**PVC Air Bags** 



Flanged Flap Valves



**Test Plugs** 



**Coupling Flap Valves** 



Manhole Keys



No Dig Repair Kits



**Canvas Air Bags** 



**Backflow Valves** 



**Drain Rod Sets** 



M10 Rubber Lined Clamps

Pipe jointing lubricant also available

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PRODUCT EXCLUSIVE TO EGS

#### **SPIROBOX**

HDPE structured wall steel reinforced pipe

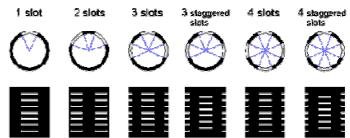
Spirobox is a high density polyethylene pipe which is has an internal smooth wall and an external spiral wall. The pipe is produced by combining a high density polyethylene profile with corrugated section extruded & welded continuously. Between the external corrugated spiral wall and the internal smooth wall is a steel band pre-coated with a polyethylene layer and prepared in the same pattern as the external HDPE wall, which considerably increases resistance to vertical loads.

DN	1200	1300	1400	1500			
i/d	1200mm	1300mm	1400mm	1500mm			
o/d	1316mm	1420mm	1524mm	1635mm			
Tel: 0871 2000997		: 0871 2000998	e-mail: sales@egsutilities.co.uk				



# Landfill





#### **Polyethylene Slotted Leachate Pipe**











**Electrofusion Fittings** 



**Compression Fittings** 



#### **Ballvalves with PE Stubs**









Flexible Couplings, Tees, Elbows, Caps

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# **Agricultural Plastic Mouldings**











Medi-Safe

Storage Box

**Buckets** 

**Sheep Dipping Tub** 

**Tack Box** 







Footbaths, Personnel—Vehicle











**Traffic Cones** 



Horse Play Ball



**Calf Hutches** 



**Calf Feeders** 





**Wheel Barrows** 

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Fax: 0871 2000998

e-mail: sales@egsutilities.co.uk

**Tipping Trailers** 





# **Heating Oil Storage Tanks**







**Bunded Sandstone** 



Single Skin



Bunded



**Bunded Granite** 

	350 litre	650 litre	1000 litre	1100 litre	1200 litre	1300 litre	1400 litre	1450 litre	2000 litre	2500 litre	2700 litre	3500 litre	5400 litre	10000 litre
Basic Single Skin					•			•	•					
Advance Single Skin				•	•		•	•	•	•			-	
Bunded Bottom Outlet	•	•	•	•	•	-		•	•		•	•	•	
Bunded Top Outlet	•		•		-	-		•	-					
Bunded Sandstone B.O			•		-	-			-					
Bunded Sandstone T.O			•		•	-			•					
Bunded Granite B.O			•		•	-			•					
Bunded Granite T.O			•		-	-	-		-					

Available Sizes =

All Bunded & Advance Single Skin Tanks are complete with electronic contents gauge

Fax: 0871 2000998



**Storage Tanks & Vessels** 





**Fuel Stations** 920, 1100, 1450, 2500, 3900, 5400 & 10,000 Litre 1400, 2500, 5000 & 10,000 Litre



**Non Potable Water Tanks** 



**Potable Water Tanks** 920, 1100, 1450, 2500, 3900, 5400 & 10,000 Litre 1400, 2500, 5000 & 10,000 Litre

**BioFuel Stations** 



**Grit Bunkers** Tel: 0871 2000997



Waste Oil Tanks 350, 650, 1000, 1200, 1400 & 2000 litre Fax: 0871 2000998 e-mail: sales@egsutilities.co.uk





# Tanks





Sewage Treatment Plants Available from 6PE to 375PE





Septic Tanks Available from 2800lt to 54000lt





Cesspools Available from 2800lt to 54000lt





Full Retention & Bypass Separators





Washdown Separators & Silt Traps





**Grease Traps & Separators** 



Please contact the sales office with your specific requirements Use of these products is often subject to EA approval

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### **Sewage Treatment**



Modulus sewage treatment plants feature the BIO BALL filter media, which has been designed to increase the efficiency of the biological process. This filter media provides excellent ventilation with an exceptional void area speeding up and improving the aerobic reaction in the septic tank. Some of the key benefits of Modulus sewage treatment systems are listed below:

- High Strength HDPE Bodies
- Low Profile Option
- Longer Intervals between De-sludging •
- Suitable For All Ground Conditions
- Versatility of Installation
- Micron Filter Screening
- Bio-Ball Media
- Activated Sludge Return

- Pumped & Gravity Option
- XL Media Zone
- Separate Modules
- Durable & Robust
- High Quality Discharge
- Low Maintenance
- Easy Access
- Easy Installation





M1 low profile Max population equivalent: 6 Design flow rate:1200litres/day BOD loading 0.36kg/day Height: 1075mm Overall Length: 4200mm Pipe invert: 350mm



M2 Max population equivalent: 6 Design flow rate:1200litres/day BOD loading 0.36kg/day Height: 1610mm Overall Length: 4200mm Pipe invert: 500mm



M3 Max population equivalent: 12 Design flow rate:2400litres/day BOD loading 0.72kg/day Height: 1610mm Overall Length: 4200mm Pipe invert: 500mm



M4

Max population equivalent: 20 Design flow rate:4000litres/day BOD loading 1.20kg/day Height: 2110mm Overall Length: 4200mm Pipe invert: 500mm



M5e Max population equivalent: 35 Design flow rate:7000litres/day BOD loading 2.1kg/day Height: 1900mm Overall Length: 5200mm Pipe invert: 500mm



M6 Max population equivalent: 50 Design flow rate:10000litres/day BOD loading 3kg/day Height: 2150mm Overall Length: 7350mm Pipe invert: 500mm



M7 Max population equivalent: 75 Design flow rate:15000litres/day BOD loading 4.5kg/day Height: 2550mm Overall Length: 9300mm Pipe invert: 500mm



M8 Max population equivalent: 100 Design flow rate:20000litres/day BOD loading 6kg/day Height: 2550mm Overall Length: 10300mm Pipe invert: 500mm

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#### Geoceptor







GEOCEPTOR is the smallest fully tested HDPE bypass separator on the market. Bypass Separators are primarily designed to act as oil and silt separators in rainwater management, their effectiveness as an oil and silt separator is dependant upon the efficiency and quality of their enclosed filtering system. The Geoceptor's patented filtering system is key to the Geoceptor's performance and what makes it different to other class 1 bypass separators.

The Geoceptor bypass separator has been independently tested by one of Europe's leading test houses in May 2007 and is fully compliant with EN858-1. It is the first Polyethylene bypass Separator to be approved for use on the Environment Agencies Separator Providers Report. The Geoceptor bypass separator has been nominated for several innovation & design awards and has 17 patents on its unique design.

Key Benefits of this innovative bypass separator:

- An easily accessible top situated patented filter system.
- Lightweight & extremely robust for easy handling on site.
- Massive savings on installation
- Low servicing costs.
- Separates hydrocarbons from water to less than 0.05mg/l.
- Drains areas up to 11000 sq m (1500 car parking spaces).
- Can be installed in concrete chamber rings & backfilled with 'as dug' material.
- Fitted with a wireless alarm system.
- Standard & Silt Storage options.





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# Water Attenuation

**Complete stormwater management solutions** 

From Modular Water Storage units through to large scale Hydrochamber projects, EGS provide complete systems including silt traps, hydrobrakes, geotextiles, valves & pipework

Contact the sales office for expert advice





# **Geosynthetics & Erosion Control**



Geocomposite Drainage



Gabions



Geotextiles









Geogrids

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Fax: 0871 2000998

**Coir Fibre Rolls** 



### Geothermal



#### **Geothermal Pipe**

Available in 25mm, 32mm & 40mm In coils of 100m, 250m, 300m & 400m In drums up to 3000m

Available in SDR17, SDR11 & SDR10





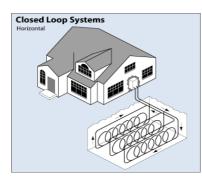


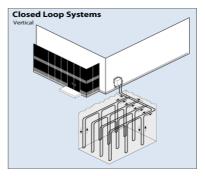
EGS can supply complete solutions for Geothermal/Groundsource Heat Systems including electrofusion fittings, ball valves, modular manifolds & 180° Electrofusion Elbows for system loops which can be supplied in pairs with a bolt connection kit











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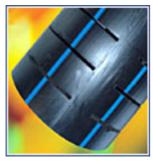
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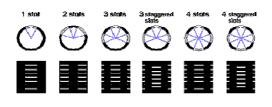


## Rail



#### Polyethylene Slotted Drainage Pipe 90mm—250mm











Orange Polyethylene Cable Ducting & Fittings 63mm, 90mm, 107mm & 110mm

Twinwall Cable Ducting 63mm, 110mm, 125mm, 160mm & 175mm Nom Dia



#### STAKKAbox<sup>™</sup> Network Rail Fibre Joint Chamber



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Fax: 0871 2000998



e-mail: sales@egsutilities.co.uk

Railduct



**Electricity Ducting Telecommunications Ducting CATV** Ducting Water Ducting Gas Ducting **Streetlighting Ducting Traffic Signals Ducting** Motorway Communications Ducting **Directional Drilling Ducting Sub-Ducts** 

**Polyethylene Water System Barrier Pipe System Polyethylene Gas System PVCu Pressure System ABS Pressure System** Water & Gas Meters Meter Boxes Valves **Compression Fittings Access & Utility Chambers** Pumps **Fusion Equipment** 

**Erosion Control Stormwater Management Geotextiles Geothermal Systems Rainwater Harvesting Agricultural Mouldings** 

Soil, Waste & Rainwater (To order only)

EN1401 Drainage System Twinwall Surface Water System **Twinwall Sewer System** Land Drainage Yard & Road Gullies **Fin Drains** Linear Drainage **Steel Reinforced Twinwall System Structured Wall Pipes** Flexible Couplings No Dig Repair Kits **Drain Testing Equipment Backflow Valves** Flap Valves **Special Fabrications** Manhole Covers & Frames

> **Septic Tanks Sewage Treatment Plants** Cesspools **Pump Stations Oil Storage Tanks** Water Storage Tanks **Fuel Stations**

> > Landfill Gas Plastics

**Installation Equipment** 

Ductile Iron Pipe (To order only) Clay Drainage (To order only) **Concrete Products** (To order only)

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