



**Experts in Plastics**

**Multi Utility Duct Systems**





## Electricity



### 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



## EGS UTILITIES

### Electricity



#### EN50086-2-4 Twinwall Ducting

General purpose 450N electric cable ducting

Ex-stock:

94/110mm x 6m length c/w coupling

125/145mm x 6m 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



#### Class 1 PVCu Cable Ducting

Guaranteeing 450N compression performance at operating temperatures up to 75 °C

#### Class 2 PVCu Cable Ducting

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.



T: 01268 583330 F: 01268 555656 e-mail: [sales@egsutilities.co.uk](mailto:sales@egsutilities.co.uk)

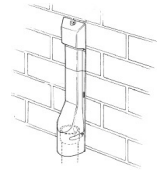


## Telecommunications



### PVCu Telecommunications Ducting

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



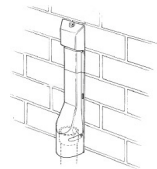
A full range of fittings available to suit including  
Bends, Couplings, Glands Caulking etc.



### EN50086-2-4 Twinwall Ducting

110mm x 6m Grey—Special Order Only

## CATV



### 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



## Telecommunications Chambers—STAKKAbbox™

The STAKKAbbox™ Telecommunications range provides network operators with access chambers and hand holes for backbone or local access networks. Independently strong, the STAKKAbbox™ 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 STAKKAbbox™ 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 STAKKAbboxes™ 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 Opening		Maximum Outside		Section Depth
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










## 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	Clear Opening
JMF102	725mm x 255mm
JMF104	915mm x 445mm
JMF106	1310mm x 610mm
JMF110	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



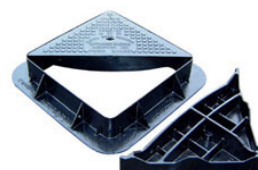
### Network Overbuild

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.



### Quadbox™ the choice for BT

BT has approved Quadbox for use in its network.



Tel: 0871 2000997 Fax: 0871 2000998 e-mail: [sales@egsutilities.co.uk](mailto:sales@egsutilities.co.uk)



## 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'



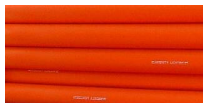
### EN50086-2-4 Twinwall Ducting

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  
Printed 'TRAFFIC SIGNALS'



### 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'



Can be supplied as a sealed system

T: 01268 583330 F: 01268 555656 e-mail: [sales@egsutilities.co.uk](mailto:sales@egsutilities.co.uk)



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

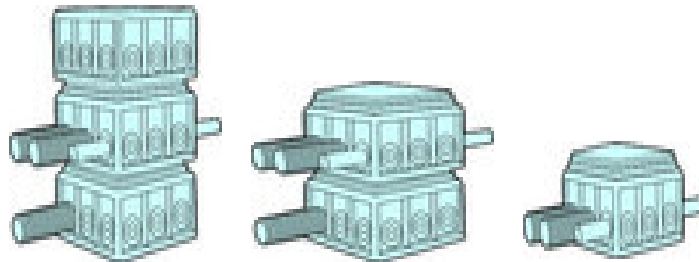




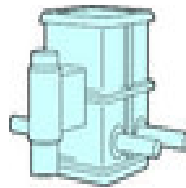
## Access Chambers

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

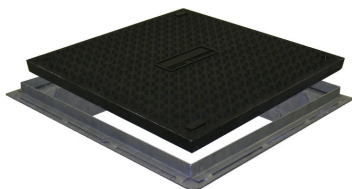
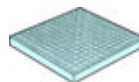
**Sizes:**  
290mm x 275mm  
450mm x 300mm  
450mm x 450mm  
600mm x 450mm  
600mm x 600mm



**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**





## 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



## Gas



### 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



## Directional Drilling



### **POLYETHYLENE ELECTRIC CABLE DUCT**

#### **Printed 'DANGER ELECTRIC DUCT'**

Pipe o.d (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)

T: 01268 583330 F: 01268 555656 e-mail: [sales@egsutilities.co.uk](mailto:sales@egsutilities.co.uk)



## Directional Drilling

POLYETHYLENE ELECTRIC CABLE DUCT							
OD	Length	SDR11		SDR17		Pack/ metres	Pack/ metres
(mm)	(m)	kg/m	Vol/u	kg/m	Vol/u	SDR 11	SDR 17
63 mm	12	1.05	6.09	x	x	1392	x
	6	1.05	3.04	x	x	696	x
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 (subject to minimum quantity)







## Ancillaries & Installation Equipment



Marker Tapes



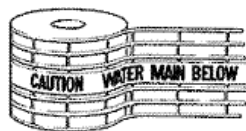
Cable Tape Tile



Cable Tile Boards



Traceable Marker Tapes



Detectable Mesh Tape



Hydrant Marker Posts & Plates



Duct Plugs



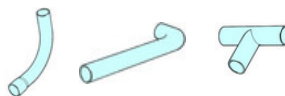
Duct Spacers



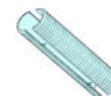
Drawcord 220m rolls & 500m Drums



Bellmouths/End Caps



Bends, Hockey Sticks, Tees



Spilt Twinwall Ducts



Sub Ducts



Towing Heads



Towing Socks



Multi Cable Puller



Weak Links/Fuses



Pipe Pigs & Brushes



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

T: 01268 583330 F: 01268 555656 e-mail: [sales@egsutilities.co.uk](mailto:sales@egsutilities.co.uk)



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)