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**POLYPIPE**  
CIVILS LTD

# agricultural product selector





## INTRODUCTION

Polypipe Civils Limited is firmly established as the UK's leading manufacturer of ducting, drainage, environmental and agricultural systems to the utilities, construction, civil engineering and agricultural industries.

This brochure is dedicated to our agricultural systems and the legend below will assist in deciding which system is appropriate for your needs. If further technical information is required please contact our technical department who will be happy to assist.

Specific product brochures are available for other application areas.  
Please contact Polypipe Civils for further information.

- Surface Water Drainage
- Sewerage Systems
- Ducted Systems
- Stormwater Management Solutions



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### Disclaimer:

All descriptions and illustrations in this publication are intended for guidance only and shall not constitute a "sale by description". All dimensions given are nominal and Polypipe Civils Limited may modify and change the information, products and specifications from time to time for a variety of reasons, without prior notice. The information in this document is provided "as is" at the date specified on the cover. Updates will not be issued automatically. This information is not intended to have any legal effect, whether by way of advice, representation or warranty (express or implied). We accept no liability whatsoever (to the extent permitted by law) if you place any reliance on this document and you must do so at your own risk.



Polypipe Civils Ltd are committed to an ongoing programme of substantial capital investment and will continue to offer the most advanced and diverse range of products to the industry, which are independently certified to British and European standards wherever possible.



An example is our dedicated well equipped 14,000 square foot fabrications facility which allows us to respond quickly to customers needs and oversee the complete design process to construct answers to their pipeline problems.

All our fabrications are checked for quality of workmanship and for integration into the full range of Polypipe Civils systems.

All products are supported by our unrivalled laboratory facilities, including the UKAS accredited Berry & Hayward laboratory and the state of the art materials and quality control test laboratories.



Research & Development Laboratory



Technical Office



BS4962 Certificate No. KM06710



Q06225, FM11944, FM318



No. 1671

### TECHNICAL →

We provide a technical service for the construction, civil engineering and agricultural industries at detailed design level.

- Product selection
- Site training
- Take-offs
- ...and more





LANDCOIL



FIELDCOIL



### Single wall corrugated land drainage pipe offers

- Full range of pipes and fittings in sizes from 60 - 330mm
- All systems Kitemarked to BS 4962
- Perforated and unperforated options
- Available with geotextile wrap
- Flexible
- Durable
- Easy to install
- Extremely cost effective
- Supported by a full range of fittings

#### SINGLE WALL CORRUGATED LAND DRAINAGE PIPE →

Modern farming and land management require effective water table control. Excess water can lead to restricted land access, reduced crop yields, erosion and environmental damage. Polypipe is the market leader in the supply of land drainage products, with well established expertise in the design and supply of land drainage systems.

Polypipe Civils offers an unrivalled commitment to the agricultural sector, with one of the largest dedicated manufacturing facilities. We offer a choice of materials, diameters, colours and coil lengths, complimented by a unique range of systems specifically designed for the agricultural market.

#### LANDCOIL →

Landcoil is manufactured in blue uPVC. The system is durable and easy to install. Landcoil is kitemarked to BS 4962. Yellow is also available subject to minimum order quantities and lead times.

#### FIELDCOIL →

Fieldcoil is manufactured in black Polypropylene with both perforated and unperforated options. Fieldcoil meets all the requirements of the BS 4962 standard and is accordingly kitemarked.

#### WRAPPED LAND DRAINAGE PIPE →

All our coiled land drainage pipes are available wrapped. For further information please contact our Technical office.

Linflex type 8		
Nominal Size mm	Length m	Code
80	100	GE80100
100	100	GE100100

Other wrapped Land Drainage coils available on request subject to minimum order quantities and lead times.



#### Benefits

- Certified by the British Board of Agrément
- Available in a range of sizes



BS 4962

Certificate No.

KM06710

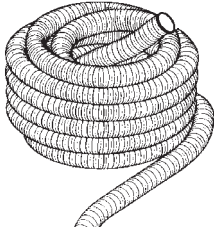


CERTIFICATE No. 93/R078

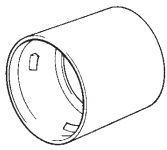


**UPVC COILS →**

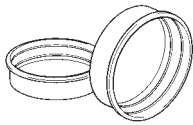
Available in blue as standard.  
Each coil is supplied with 1 connector.  
Available in yellow made to order only,  
subject to minimum quantities and lead times.



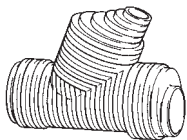
**CONNECTORS →**



**END CAPS →**

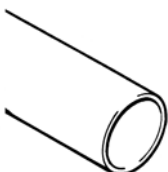


**MULTI-JUNCTIONS →**



**OUTFALL PIPES →**

Made to order only.



**UPVC Coils & Connectors**

Nominal Size	Code	OD mm	Length m	Description	Connector Code
60	LD6025B	60	25	Perforated	DC60
60	LD6050B	60	50	Perforated	DC60
60	LD60150B	60	150	Perforated	DC60
60	UD60150B	60	150	Unperforated	DC60
80	LD8025B	80	25	Perforated	DC80
80	LD8050B	80	50	Perforated	DC80
80	LD80100B	80	100	Perforated	DC80
80	UD80100B	80	100	Unperforated	DC80
100	LD10025B	100	25	Perforated	DC100
100	LD10050B	100	50	Perforated	DC100
100	LD100100B	100	100	Perforated	DC100
100	UD100100B	100	100	Unperforated	DC100
125	LD12575B	125	75	Perforated	DC125
125	UD12575B	125	75	Unperforated	DC125
160	LD16025B	160	25	Perforated	DC160
160	LD16045B	160	45	Perforated	DC160
160	UD16045B	160	45	Unperforated	DC160
200	LD20040B	200	40	Perforated	DC200
200	UD20040B	200	40	Unperforated	DC200

**End Caps**

Nominal Size	Code	Colour
60	HEC60	Blue
80	HEC80	Blue
100	HEC100	Blue
125	HEC125	Blue
160	HEC160	Blue
200	HEC200	Blue

**Multi-junctions**

Nominal Size	Code	Colour
60 to 60	CDJ66	Blue
80 to 100	CDJ10M	Blue
80 to 100	CDJ100M	Black
160 to 60	CDJ160M	Black

**Outfall Pipes**

Nominal Size	Code	Length m
60	HOP60	1.5
80	HOP80	1.5
100	HOP100	1.5
125	HOP125	1.5
160	HOP160	1.5

Subject to minimum order quantities and lead times



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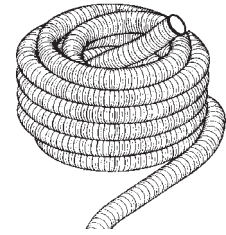
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Polypropylene Coils & Connectors

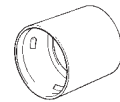
Nominal Size	Code	OD mm	Length m	Description	Connector Code
60	SP6025	60	25	Perforated	C60
60	SP6050	60	50	Perforated	C60
60	SP60150	60	150	Perforated	C60
60	SU6025	60	25	Unperforated	C60
60	SU6050	60	50	Unperforated	C60
60	SU60150	60	150	Unperforated	C60
80	SP8025	80	25	Perforated	C80
80	SP8050	80	50	Perforated	C80
80	SP80100	80	100	Perforated	C80
80	SU8025	80	25	Unperforated	C80
80	SU8050	80	50	Unperforated	C80
80	SU80100	80	100	Unperforated	C80
100	SP10025	100	25	Perforated	C100
100	SP10050	100	50	Perforated	C100
100	SP100100	100	100	Perforated	C100
100	SU10025	100	25	Unperforated	C100
100	SU10050	100	50	Unperforated	C100
100	SU100100	100	100	Unperforated	C100
160	SP16040	160	40	Perforated	C160
160	SU16040	160	40	Unperforated	C160

POLYPROPYLENE COILS →

Each coil is supplied with 1 connector. Available in black only.



CONNECTORS →

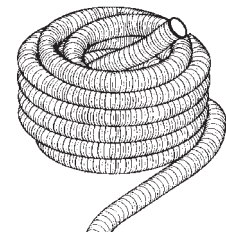


HDPE Coils

Nominal Size	Code	OD mm	Length m	Description
268	LD26030	268	30	Perforated
268	UD26030	268	30	Unperforated
350	LD3506	350	6	Perforated
350	UD3506	350	6	Unperforated

HDPE COILS →

Available in black only.

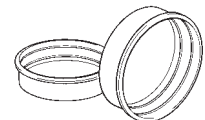


268mm coils available from stock. 350mm manufactured to order and subject to lead times. Order CRD225 couplings for 268mm coil and CRD300 couplings to join 350mm pipe. A wide range of fittings are available. Please contact our sales office for details.

End Caps

Nominal Size	Code	Colour
60	HECPP60	Black
80	HECPP80	Black
100	HECPP100	Black
160	HECPP160	Black

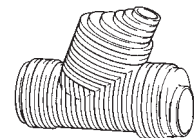
END CAPS →



Multi-junctions

Nominal Size	Code	Colour
60 to 60	CDJ66	Blue
80 to 100	CDJ10M	Blue
80 to 100	CDJ100M	Black
160 to 60	CDJ160M	Black

MULTI-JUNCTIONS →

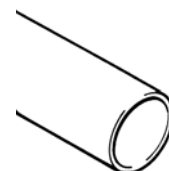


Outfall Pipes

Nominal Size	Code	Length m
60	HOP60	1.5
80	HOP80	1.5
100	HOP100	1.5
125	HOP125	1.5
160	HOP160	1.5

OUTFALL PIPES →

Made to order only.



Subject to minimum order quantities and lead times

All dimensions provided are nominal.



**Features of Agritwin include**

- Diameters range from 150 to 600mm
- Available both perforated and unperforated
- Compatible with Ridgidrain fittings
- A minimum ring stiffness of 4 kN/m<sup>2</sup>



**AGRITWIN TWIN WALL DRAINAGE →**

Designed specifically for the agricultural market as a lower cost alternative for light duty non-trafficked applications. Easily recognised by its orange inner wall.

Ridgidrain remains the product of choice for heavy duty applications and systems requiring leaktight joints or BBA certification. See separate Ridgidrain brochure for full product range.

Agritwin Pipes & Couplers				
Nominal size	Code	Length m	Description	Coupler Code
150	AT150X6PE	6	Unperforated	CRD150
150	AT150X6PEHP	6	Half Perforated	CRD150
150	AT150X6PEP	6	Perforated	CRD150
225	AT225X6PE	6	Unperforated	CRD225
225	AT225X6PEHP	6	Half Perforated	CRD225
225	AT225X6PEP	6	Perforated	CRD225
300	AT300X6PE	6	Unperforated	CRD300
300	AT300X6PEHP	6	Half Perforated	CRD300
300	AT300X6PEP	6	Perforated	CRD300
375	AT375X6	6	Unperforated	CRD375
375	AT375X6HP	6	Half Perforated	CRD375
375	AT375X6P	6	Perforated	CRD375
450	AT450X6	6	Unperforated	CRD450
450	AT450X6HP	6	Half Perforated	CRD450
450	AT450X6P	6	Perforated	CRD450
500	AT500X6	6	Unperforated	CRD500
500	AT500X6HP	6	Half Perforated	CRD500
500	AT500X6P	6	Perforated	CRD500
600	AT600X6	6	Unperforated	CRD600
600	AT600X6HP	6	Half Perforated	CRD600
600	AT600X6P	6	Perforated	CRD600

- 150 - 375 supplied plain ended
- 450 - 600 supplied integrally socketed
- Order Ridgidrain couplers and fittings separately as required
- Half perforated Agritwin may be subject to minimum order quantities and lead times
- Available unsealed only

All dimensions provided are nominal.



#### POLYDRY SYSTEM →

Designed and tested in conjunction with ADAS, a leading land based consultancy, for use in the on-floor cooling, drying and ventilation of most floor stored crops. Polydry is a high performance, durable alternative to galvanised steel products and is available as a complete system of ducts and specialist fittings.

The horizontal on-floor system is ideal for use with existing main air tunnels. Horizontal systems are available in 225, 300, 450 and 600mm inside diameter as standard, with other sizes available on request.

Vertical systems are available in 300 and 450mm inside diameter. Polydry vertical systems consist of a base plate (up to 300mm), perforated body section, reducing cone and extension pipe.

Care should be taken in the installation of Polydry systems and filling of stores to ensure systems remain in place. Advice is available from our Technical Department. Detailed advice on the design, installation and use of Polydry is available.

#### POLYDRY FAN UNITS →

Polydry fan units are efficient, low cost and effectively complete the Polydry system. All fans carry centrifugal forward curving impellers offering exceptional performance.

#### Benefits of Polydry Fans

- Fully reversible fans available in single or three phase
- Corrosion-free aluminium casing
- Internally fitted impeller guards
- All fans are fully adaptable for both horizontal and vertical systems
- Grain condition can be monitored from air leaving the fan outlet

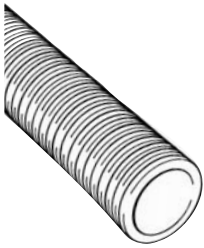
#### Benefits of Polydry

- Suitable for use with most crops
- An integrated and comprehensive range of fans
- Available with different slot widths
- High stiffness and impact strength
- Light and easy to handle
- Push-fit fittings for trouble-free assembly and disassembly
- Perforations designed to prevent the ingress of small crops



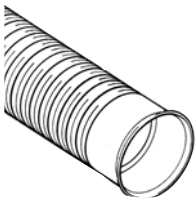


PLAIN ENDED PIPES →



Plain Ended Pipes			
Nominal size	Code	Length m	Description
225	PY225X3PE	3	Perforated
225	PY225X3SPE	3	Unperforated
225	PY225X6PE	6	Perforated
225	PY225X6SPE	6	Unperforated
300	PY300X3PE	3	Perforated
300	PY300X3SPE	3	Unperforated
300	PY300X6PE	6	Perforated
300	PY300X6SPE	6	Unperforated
450	PY450X3PE	3	Perforated
450	PY450X3SPE	3	Unperforated
450	PY450X6PE	6	Perforated
450	PY450X6SPE	6	Unperforated
600	PY600X3PE	3	Perforated
600	PY600X3SPE	3	Unperforated
600	PY600X6PE	6	Perforated
600	PY600X6SPE	6	Unperforated

SOCKETED PIPES →



Socketed Pipes			
Nominal size	Code	Length m	Description
450	PY450X3IS	3	Perforated
450	PY450X3SIS	3	Unperforated
450	PY450X6IS	6	Perforated
450	PY450X6SIS	6	Unperforated
600	PY600X3IS	3	Perforated
600	PY600X3SIS	3	Unperforated
600	PY600X6IS	6	Perforated
600	PY600X6SIS	6	Unperforated

SPIGOT AIR DOORS →



Spigot Air Doors	
Nominal Size	Code
225	PY225SAD
300	PY300SAD
450	PY450SAD
600	PY600SAD

ANTI-ROLL COUPLER →



Anti-Roll Coupler	
Nominal Size	Code
225	PY225C
300	PY300C
450	PY450C
600	PY600C

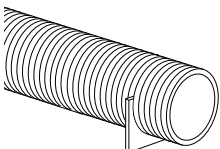
END CAPS →



End Caps	
Nominal Size	Code
225	PY225EC
300	PY300EC
450	PY450EC
600	PY600EC

POLYDRY FEET →

Sold in packs of 2



Polydry Feet	
Nominal Size	Code
225	KFEET225
300	KFEET300
450	KFEET450
600	KFEET600

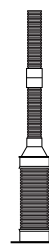
All dimensions provided are nominal.



Vertical Pedestals

Nominal size	Code	Pack Description
300 to 100	PYV3001002	1.2m x 300mm lower section to 2 x 1 m x 100mm extension pipes
300 to 150	PYV3001502	1.2m x 300mm lower section to 2 x 1 m x 150mm extension pipes
450 to 150	PYV4501503	1.2m x 450mm lower section to 3 x 1 m x 150mm extension pipes

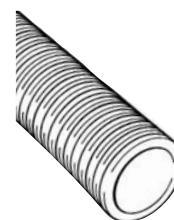
VERTICAL PEDESTALS →



Unperforated Extension Pipes

Nominal Size	Code	Length m
100	PYV100X1	1
150	PYV150X1	1
150	PYV150X2	2

UNPERFORATED EXTENSION PIPES →



Couplers

Nominal Size	Code
100	CRD 100
150	CRD 150

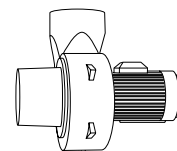
COUPLERS →



Fans

Description	Code
240v, Single Phase, 50Hz for 150mm Extension Pipes	VBW7
415v, Three Phase, 50Hz for 200mm Extension Pipes	VBW9

FANS →



HORIZONTAL POLYDRY SLOT WIDTHS →

- 225-450mm supplied with 1-2mm slot widths
- 600mm is supplied with 2.5-3.5mm slot widths

VERTICAL POLYDRY SLOT WIDTHS →

- 300-450mm supplied with 3-3.5mm slot widths
- When using vertical pedestals with small crops i.e. rape seed, it is advisable to use a hessian wrap around the pipe to prevent crop ingress. Please contact the sales office for further information.

For detailed information please contact our technical office or visit our web site [www.polypipecivils.co.uk](http://www.polypipecivils.co.uk)



**AUTOMATIC ANIMAL DRINKERS →**

Manufactured to the highest standards to ensure a constant supply of fresh, clean water.

**Polypipe MDPE drinker features**

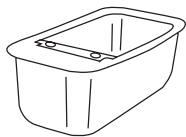
- Removable plug for easy cleaning
- In built type 'A' air gap conforming to water regulation standards
- Easily connected to mains water supply from left or right of the drinker
- Maintenance free
- Adjustable 1.5 - 3 litre capacity



**Polypipe steel drinkers feature**

- A range of Livestock, Selffill and Automatic drinking bowls
- Manufactured in galvanised steel
- Suitable for virtually all livestock
- Easy handling and installation
- Constant and adjustable water level

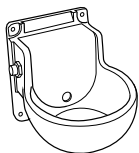
**LIVESTOCK DRINKING BOWL →**



**Livestock Drinking Bowl**

Description	Code
Galvanised pressed steel with high pressure ball valve	DB 128
Galvanised pressed steel with low pressure ball valve	DB 130

**MDPE SELFILL DRINKING BOWL →**



**MDPE Selffill Drinking Bowl**

Description	Code
Adjustable 1.5 to 3 litre MDPE drinker	DB 153
Clip for fixing to 1/2"BSP (1 1/4" diameter) Vertical tube	DB416

**SELFILL DRINKING BOWL →**



**Selffill Drinking Bowl**

Description	Code
Adjustable 1.5 to 3 litre MDPE drinker	DB 153
Clip for fixing to 1/2"BSP (1 1/4" diameter) Vertical tube	DB416

**TYPE 'A' DRINKING BOWL →**



**Type 'A' Automatic Drinking Bowl**

Description	Code
Nose push operated	DB000
Clip for fixing to 1/2"BSP (1 1/4" diameter) Vertical tube	DB416

All dimensions provided are nominal.

## ORDERS & INFORMATION

### POLYPIPE CIVILS DIVISION

Polypipe Civils Limited Head Office  
Union Works, Bishop Meadow Road, Loughborough, Leicestershire, LE11 5RE  
Tel: 01509 615100 Fax: 01509 610215

### POLYPIPE CIVILS LTD SALES OFFICE - EXCEPT SCOTLAND

Tel: 01509 615125 — South West / Midlands / Wales  
Tel: 01509 615102 — London / Home Counties / East Anglia  
Tel: 01509 615110 — Utilities / North West / Ireland / Yorkshire / North East  
Tel: 01509 615150 — Technical Support line  
Fax: 01509 615205 — Technical Fax line  
Email: [technical@polypipecivils.co.uk](mailto:technical@polypipecivils.co.uk)  
Tel: 01509 615126 — Estimations  
Fax sales enquiries and orders to: 01509 265945

### POLYPIPE CIVILS LTD SALES OFFICE - SCOTLAND

2410 London Road, Mount Vernon, Glasgow, G32 8YB  
Tel: 0141 778 8822 Fax: 0141 778 2703

### HYDROTUB POLYPIPE S.A.S.

Z.A. des Sablons, 13 Chemin des Petits Eboulis - 77230 Dammartin en Goële,  
France  
Tel: (00 33) 1 64 02 52 42 Fax: (00 33) 1 64 02 54 34

### POLYPIPE GROUP HEAD OFFICE

Broomhouse Lane, Edlington, Doncaster, DN12 1ES  
Tel: 01709 770000 Fax: 01709 770001



Q06225, FM11944, FM318

[enquiries@polypipecivils.co.uk](mailto:enquiries@polypipecivils.co.uk)  
[www.polypipecivils.co.uk](http://www.polypipecivils.co.uk)

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