

Uniclass L7312:P71	EPIC J344:X71
C/SIB (52.3)	In6



**POLYPIPE**  
CIVILS LTD

sewerage systems product selector





## INTRODUCTION

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

This brochure is dedicated to our sewerage 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
- Agricultural Systems
- Ducted Systems
- Stormwater Management Solutions



## CONTENTS

Product	Page number
Introduction	2
Technical	2
Ridgisewer (400-900mm)	3
- Pipe	4
- Couplers	4
- Seals & End Caps	4
- Bends & Socket plugs	5
- Junctions	6
- Rocker & Stub Pipe	7
Polysewer (150-300mm)	8
- Pipe	9
- Couplers & Seals	9
- Bends	10
- End Caps & Socket Plugs	10
- Junctions	11
- Rodding Eye	11
- Adaptors	12
Ridgitite Saddle	13
Ridgigully	14
Midigully	14
Contact Details	19

### 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.



WIS 4-35-01  
Certificate No. KM55701



Q06225, FM11944, FM318



No. 1671



Research & Development Laboratory



Technical Office

**TECHNICAL →**

We are proud to be considered experts in the innovative application of ducting, agricultural, drainage, sewerage and environmental products. We provide a technical service for the construction, civil engineering and agricultural industries at detailed design level including:

- Full integration of all systems
- Sustainable Urban Drainage integration
- Tender interpretation
- Product selection
- Site training
- Take-offs
- ...and more



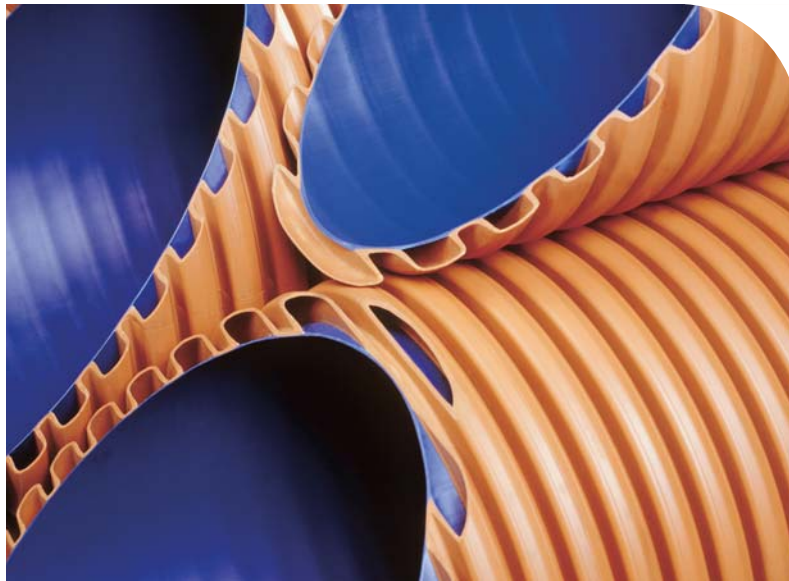
**INTRODUCTION**



**TECHNICAL**



# RIDGISEWER



## Ridgisewer features:

- Full compliance with WIS 4-35-01
- Reduced health and safety risks in handling, storage and installation with a weight approximately 6% of equivalent sizes of concrete pipe
- Pipe ring stiffness in excess of 8kN/m<sup>2</sup>
- Durable long life material
- Longer lengths and with integral sockets for reduced jointing operations
- Excellent leak tightness
- Jointing systems that remain intact even under extreme site conditions
- Strong yet flexible design allows pipeline to withstand some ground movement and differential settlement
- In-built robustness for installation and maintenance operations
- Superior chemical, impact and abrasion resistance
- Immunity from sulphate attack or corrosion due to sewer gases
- Ample resistance to high pressure water jetting to the WRc code of practice
- Coloured internal wall for ease of CCTV surveying

## Performance tests:

- Long-term structural performance
- Joint integrity under extreme conditions
- Resistance to the effects of routine maintenance operations, including internal impact and high pressure water jetting
- External impact
- Material tests to ensure long-term durability



WIS 4-35-01  
Certificate No.  
KM55701



Ridgisewer continues to gain water industry approvals, for the latest details contact Polypipe Civils.

## RIDGISEWER →

Ridgisewer is the largest structured wall range in the industry, featuring 6 sizes from 400 to 900mm. Ridgisewer is manufactured in high strength polypropylene, offering stiffness well in excess of other plastic products combined with exceptional durability.

The range includes a complete system of couplings, seals, bends, junctions and specialist fabrications. The Ridgisewer range also includes junctions to connect to the Polypipe Polysewer system. Fabrications are available to meet customer requirements. For example, swept lobster back bends and specialist fittings for back drop manholes.

Ridgisewer			
Nominal size	I.D. mm	O.D. mm	Stiffness class
400	400	457	4*
450	450	511	4*
500	500	568	4*
600	587	672	4*
750	765	880	4
900	909	1032	4

\* Stiffness class B is available subject to order quantities and lead times.

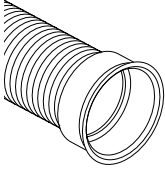
## AN INTRODUCTION TO WIS 4-35-01 →

WIS 4-35-01 is the UK specification for thermoplastic structured wall pipes for gravity sewer applications. The specification, developed by Water UK in conjunction with participating members of the British Plastics Federation, British Standards Institution, British Board of Agrément and the Water Research Centre, follows extensive research and investigation and sets out a comprehensive range of performance based tests.



**INTEGRALLY SOCKETED STIFFNESS CLASS 4 →**

Order seals separately if required

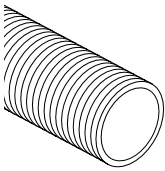


**Integrally Socketed Stiffness Class 4**

Nominal Size	Code	ID mm	OD mm	Length m	Weight kg/m
400	RSW400X3IS4	400	457	3	9.4
450	RSW450X3IS4	450	511	3	11.8
500	RSW500X3IS4	500	568	3	13.3
600	RSW600X3IS4	587	672	3	15.3
750	RSW750X3IS4	765	880	3	35
900	RSW900X3IS4	909	1032	3	38
400	RSW400X6IS4	400	457	6	9.4
450	RSW450X6IS4	450	511	6	11.8
500	RSW500X6IS4	500	568	6	13.3
600	RSW600X6IS4	587	672	6	15.3

**PLAIN ENDED STIFFNESS CLASS 4 →**

Order seals and couplings separately if required

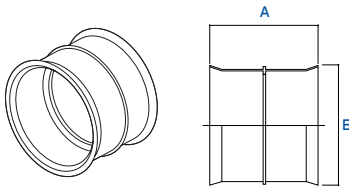


**Plain Ended Stiffness Class 4**

Nominal Size	Code	ID mm	OD mm	Length m	Weight kg/m
400	RSW400X3PE4	400	457	3	9.4
450	RSW450X3PE4	450	511	3	11.8
500	RSW500X3PE4	500	568	3	13.3
600	RSW600X3PE4	587	672	3	15.3
400	RSW400X6PE4	400	457	6	9.4
450	RSW450X6PE4	450	511	6	11.8
500	RSW500X6PE4	500	568	6	13.3
600	RSW600X6PE4	587	672	6	15.3

**DOUBLE SOCKET COUPLERS →**

Order seals separately if required

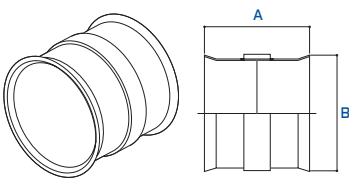


**Double Socket Couplers**

Nominal size	Code	A mm	B mm
400	RSWC400	410	490
450	RSWC450	440	548
500	RSWC500	490	605
600	RSWC600	560	713

**DOUBLE SOCKET SLIP COUPLERS →**

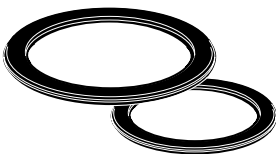
Order seals separately if required



**Double Socket Slip Couplers**

Nominal size	Code	A mm	B mm
400	RSWSC400	392	490
450	RSWSC450	420	548
500	RSWSC500	470	605
600	RSWSC600	540	713

**SEALING RINGS →**



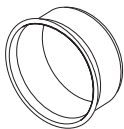
**Sealing Rings**

Nominal size	Code	Nominal size	Code
400	SRD400	450	SRD450
500	SRD500	600	SRD600
750	SRD750	900	SRD900

Seals are EPDM to EN581 Part 1 as standard. Optional nitrile seals are available but may be subject to minimum order quantities and lead times.

**END CAPS →**

Order seals separately if required



**End Caps**

Nominal size	Code
400	RSWEC400
450	RSWEC450
500	RSWEC500
600	RSWEC600
750	RSWEC750
900	RSWEC900



WIS 4-35-01  
Certificate No.  
KM55701





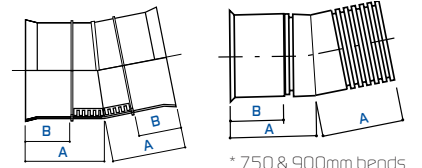
**11.25° Bends**

Nominal size	Code	A mm	B mm
400	RSWB40011.25	375	205
450	RSWB45011.25	415	220
500	RSWB50011.25	490	245
600	RSWB60011.25	535	280
750*	RSWB75011.25	600	440
900*	RSWB90011.25	800	440

\* These bends are made to order and subject to lead times.

**11.25° BENDS →**

Order seals separately if required



\* 750 & 900mm bends

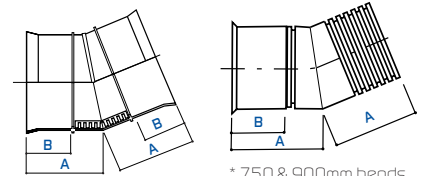
**22.5° Bends**

Nominal size	Code	A mm	B mm
400	RSWB40022.5	375	205
450	RSWB45022.5	415	220
500	RSWB50022.5	490	245
600	RSWB60022.5	535	280
750*	RSWB75022.5	700	440
900*	RSWB90022.5	900	440

\* These bends are made to order and subject to lead times.

**22.5° BENDS →**

Order seals separately if required



\* 750 & 900mm bends

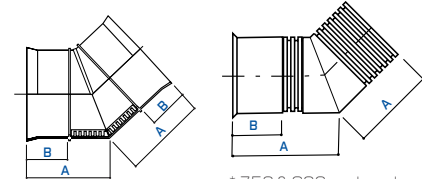
**45° Bends**

Nominal size	Code	A mm	B mm
400	RSWB40045	375	205
450	RSWB45045	415	220
500	RSWB50045	490	245
600	RSWB60045	535	280
750*	RSWB75045	800	440
900*	RSWB90045	1000	440

\* These bends are made to order and subject to lead times.

**45° BENDS →**

Order seals separately if required



\* 750 & 900mm bends

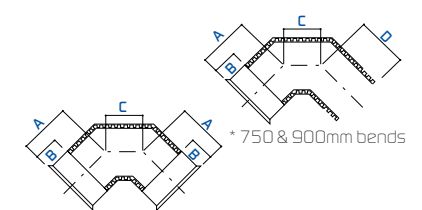
**90° Bends**

Nominal size	Code	A mm	B mm	C mm	D mm
400	RSWB40090	411	196	646	Spigot
450	RSWB45090	441	215	667	Spigot
500	RSWB50090	488	250	687	Spigot
600	RSWB60090	533	275	728	Spigot
750*	RSWB75090	738	440	818	658
900*	RSWB90090	770	440	882	690

\* These bends are made to order and subject to lead times.

**90° BENDS →**

Order seals separately if required



\* 750 & 900mm bends

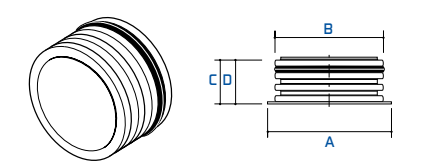
**Socket Plugs**

Nominal size	Code	A mm	B mm	C mm	D mm
400	RSWSP400	520	457	204	195
450	RSWSP450	578	511	188	197
500	RSWSP500	635	568	225	216
600	RSWSP600	741	672	261	252
750	RSWSP750	979	880	395	386
900	RSWSP900	1136	1032	399	390

Socket plugs are made to order and are subject to lead times.

**SOCKET PLUGS →**

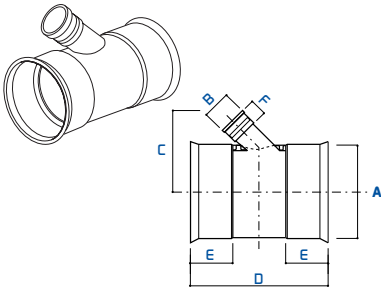
Order seals separately if required





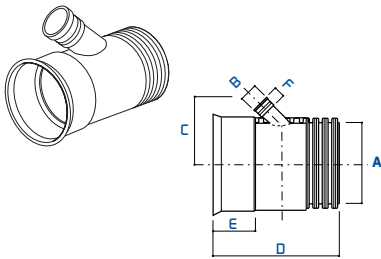
**45° UNEQUAL JUNCTIONS →**

110 & 160mm branches are for EN1401 pipes. 150mm branches are for Polysewer. Order seals separately if required



**45° Unequal Junctions**

Nominal Size		Code	C mm	D mm	E mm	F mm
A mm	B mm					
400	110	RSWJ400110Y	395	750	196	46
400	160	RSWJ400160Y	435	750	196	51
450	110	RSWJ450110Y	422	815	215	46
450	160	RSWJ450160Y	462	815	215	51
500	110	RSWJ500110Y	450	920	240	46
500	160	RSWJ500160Y	490	920	240	51
600	110	RSWJ600110Y	503	1060	275	46
600	160	RSWJ600160Y	543	1060	275	51
400	150	RSWPSJ400150Y	435	750	196	51
450	150	RSWPSJ450150Y	462	815	215	51
500	150	RSWPSJ500150Y	490	920	240	51
600	150	RSWPSJ600150Y	543	1060	275	51



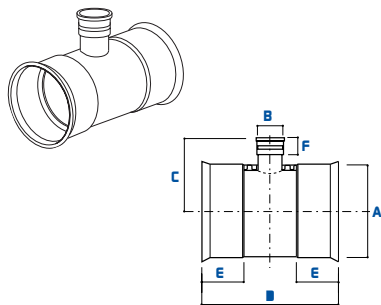
**45° Unequal Junctions**

Nominal Size		Code	C mm	D mm	E mm	F mm
A mm	B mm					
750	110	RSWJ750110Y	545	1330	440	46
750	160	RSWJ750160Y	584	1330	440	51
900	110	RSWJ900110Y	629	1332	440	46
900	160	RSWJ900160Y	668	1332	440	51
750	150	RSWPSJ750150Y	584	1330	440	51
900	150	RSWPSJ900150Y	668	1332	440	51



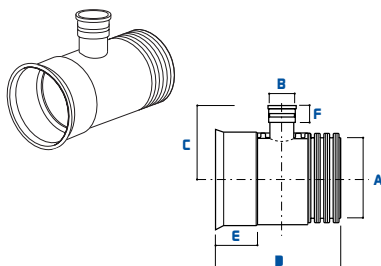
**90° UNEQUAL JUNCTIONS →**

110 & 160mm branches are for EN1401 pipes. 150mm branches are for Polysewer. Order seals separately if required



**90° Unequal Junctions**

Nominal Size		Code	C mm	D mm	E mm	F mm
A mm	B mm					
400	110	RSWJ400110T	360	750	196	46
400	160	RSWJ400160T	375	750	196	51
450	110	RSWJ450110T	385	815	215	46
450	160	RSWJ450160T	400	815	215	51
500	110	RSWJ500110T	415	920	240	46
500	160	RSWJ500160T	430	920	240	51
600	110	RSWJ600110T	465	1060	275	46
600	160	RSWJ600160T	480	1060	275	51
400	150	RSWPSJ400150T	375	750	196	51
450	150	RSWPSJ450150T	400	815	215	51
500	150	RSWPSJ500150T	430	920	240	51
600	150	RSWPSJ600150T	480	1060	275	51



**90° Unequal Junctions**

Nominal Size		Code	C mm	D mm	E mm	F mm
A mm	B mm					
750	110	RSWJ750110T	563	1330	440	46
750	160	RSWJ750160T	581	1330	440	51
900	110	RSWJ900110T	639	1332	440	46
900	160	RSWJ900160T	657	1332	440	51
750	150	RSWPSJ750150T	581	1330	440	51
900	150	RSWPSJ900150T	657	1332	440	51

All dimensions provided are nominal.



WIS 4-35-01  
Certificate No.  
KM55701



### 45° Equal Junctions

Nominal Size A mm B mm	Code	C mm	D mm	E mm	F mm
400 400	RSWEJ400Y	1000	1737	205	205
450 450	RSWEJ450Y	1050	1780	220	220
500 500	RSWEJ500Y	1100	1930	245	245
600 600	RSWEJ600Y	1309	2175	280	280
750* 750	RSWEJ750Y	1000	2100	440	440
900* 900	RSWEJ900Y	820	2300	440	440

\* These junctions are made to order and subject to lead times.

### 90° Equal Junctions

Nominal Size A mm Bmm	Code	C mm	D mm	E mm	F mm
400 400	RSWEJ400T	700	1380	205	205
450 450	RSWEJ450T	805	1700	220	220
500 500	RSWEJ500T	850	1792	245	245
600 600	RSWEJ600T	1350	1975	280	280
750* 750	RSWEJ750T	1000	1700	440	440
900* 900	RSWEJ900T	1200	1900	440	440

\* These junctions are made to order and subject to lead times.

### 3m Junctions - Single & Double Branch

Nominal Size A mm B mm	Code	C mm	D mm	E mm	F mm	G mm
400 150	RSWPSJ400150Yx3*	440	3000	205	230	50
400 160	RSWJ400160Yx3*	440	3000	205	230	50
450 100	RSWPSJ450150Yx3*	467	3000	220	250	50
450 160	RSWJ450160Yx3*	467	3000	220	250	50
500 150	RSWPSJ500150Yx3*	496	3000	245	280	50
500 160	RSWJ500160Yx3*	496	3000	245	280	50
600 150	RSWPSJ600150Yx3*	548	3000	280	325	50
600 160	RSWJ600160Yx3*	548	3000	280	325	50
750 150	RSWPSJ750150Yx3*	652	3000	440	450	50
750 160	RSWJ750160Yx3*	652	3000	440	450	50
900 150	RSWPSJ900150Yx3*	728	3000	440	435	50
900 160	RSWJ900160Yx3*	728	3000	440	435	50

\* Add 'S' for Single Branched Junctions and 'D' for Double Branched Junctions.

These are specialist fabrications and are manufactured to order and subject to extended lead times.

### Rocker Pipes

Nominal size	Code	ID	OD	Length m
750	RSWRP750	765	880	1
900	RSWRP900	909	1032	1

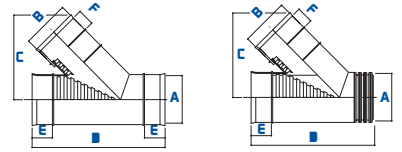
### Stub Pipes

Nominal size	Code	ID	OD	Length m
750	RSWST750	765	880	1
900	RSWST900	909	1032	1

All dimensions provided are nominal.

### 45° EQUAL JUNCTIONS →

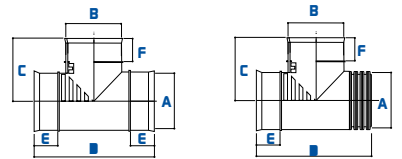
Order seals separately if required



\* 750 & 900mm junctions

### 90° EQUAL JUNCTIONS →

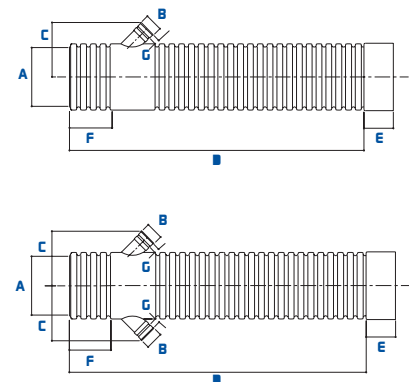
Order seals separately if required



\* 750 & 900mm junctions

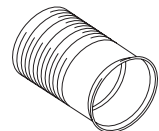
### 3M JUNCTIONS →

Order seals separately if required



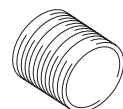
### ROCKER PIPES →

Order seals separately if required



### STUB PIPES →

Order seals separately if required





**Polysewer features:**

- Full compliance with WIS 4-35-01
- Reduced health and safety risks in handling, storage and installation
- Durable long life material
- Longer lengths and with integral sockets for reduced jointing operations
- Excellent leak tightness
- Jointing systems that remain intact even under extreme site conditions
- Strong yet flexible design allows pipeline to withstand some ground movement and differential settlement
- In-built robustness for installation and maintenance operations
- Superior chemical, impact and abrasion resistance
- Immunity from sulphate attack or corrosion due to sewer gases
- Ample resistance to high pressure water jetting to the WRc code of practice



**POLYSEWER →**

Polysewer is a range of 150 to 300mm uPVC structured wall pipes and fittings for use in gravity sewers.

Polysewer is manufactured in accordance with BSI Kitemark Licence Number KM55698 to WIS 4-35-01, entitled Specification for Thermoplastic Structured Wall Pipes, Joints and Couplers with a Smooth Bore for Gravity Sewers for the Size Range 150 to 900 Inclusive.



WIS 4-35-01  
Certificate No.  
KM55698



Polysewer			
Nominal size	I.D. mm	O.D. mm	Stiffness class
150	146	160	8
225	229	250	8
300	301	330	8



All dimensions provided are nominal.



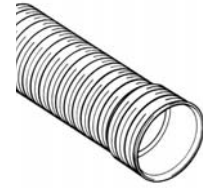
# POLYSEWER PIPE

## Integrally Socketed Pipes

Nominal size	Code	ID mm	OD mm	Length m
150	PS632	146	160	3
225	PS1032	229	250	3
300	PS1232	301	330	3
150	PS662	146	160	6
225	PS1062	229	250	6
300	PS1262	301	330	6

## INTEGRALLY SOCKETED PIPES →

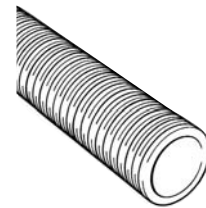
Each pipe supplied with 1 seal



## Plain Ended Pipes

Nominal size	Code	ID mm	OD mm	Length m
150	PS630	146	160	3
225	PS1030	229	250	3
300	PS1230	301	330	3
150	PS660	146	160	6
225	PS1060	229	250	6
300	PS1260	301	330	6

## PLAIN ENDED PIPES →



WIS 4-35-01

Certificate No.

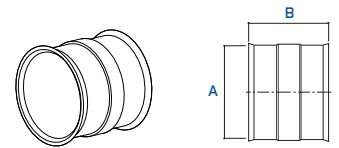
KM55698

## Double Socket Couplings

Nominal size	Code	A mm	B mm
150	PS601	150	183
225	PS1001	225	260
300	PS1201	300	280

## DOUBLE SOCKET COUPLINGS →

Each coupler supplied with 2 seals

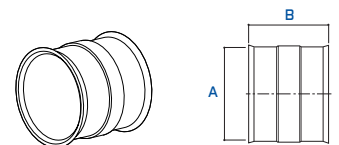


## Double Socket Slip Couplings

Nominal size	Code	A mm	B mm
150	PS600	150	183
225	PS1000	225	260
300	PS1200	300	280

## DOUBLE SOCKET SLIP COUPLINGS →

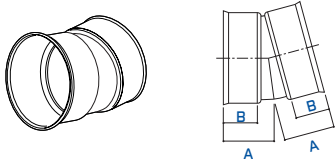
Each coupler supplied with 2 seals





**15° BENDS →**

Each bend supplied with 2 seals

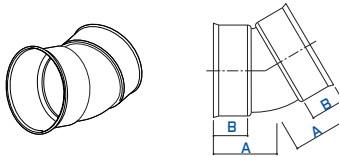


**15° Bends**

Nominal size	Code	A mm	B mm
150	PS609	82	62
225	PS1009	123.5	92.5
300	PS1209	152	114

**30° BENDS →**

Each bend supplied with 2 seals

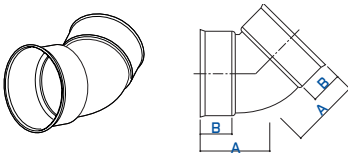


**30° Bends**

Nominal size	Code	A mm	B mm
150	PS667	92	62
225	PS1067	143.5	92.5
300	PS1267	177	114

**45° BENDS →**

Each bend supplied with 2 seals

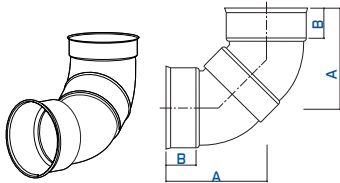


**45° Bends**

Nominal size	Code	A mm	B mm
150	PS603	103	63
225	PS1003	164.5	92.5
300	PS1203	203	114

**90° BENDS →**

Each bend supplied with 2 seals

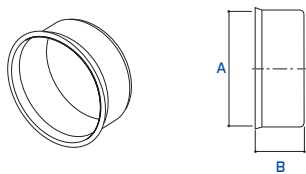


**90° Bends**

Nominal size	Code	A mm	B mm
150	PS611	190	63
225	PS1011	316.5	92.5
300	PS1211	385	114

**END CAPS →**

Each end cap supplied with 1 seal

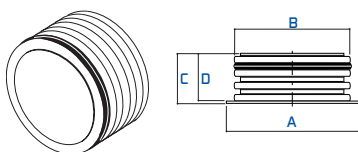


**End caps**

Nominal size	Code	A mm	B mm
150	PS6101	150	150
225	PS10101	225	98
300	PS12101	300	121

**SOCKET PLUGS →**

Each socket plug supplied with 1 seal



**Socket Plugs**

Nominal size	Code	A mm	B mm	C mm	D mm
150	PS620	215	178	85	76
225	PS1020	308	248	101	92
300	PS1220	395	329	110	101





# POLYSEWER JUNCTIONS



## 45° Equal Junctions

Nominal Size		Code	C mm	D mm	E mm	F mm
A mm	B mm					
150	150	PS605	227	400	62	63
225	225	PS1005	408	647	92.5	92.5
300	300	PS1205	508	812	114	114

## 90° Equal Junctions

Nominal Size		Code	C mm	D mm	E mm	F mm
A mm	B mm					
150	150	PS623	186	400	69	69

## 90° Unequal Junctions

Nominal Size		Code	C mm	D mm	E mm	F mm
A mm	B mm					
150	110	PS643RS	182	301	69	65

## 45° Unequal Junctions

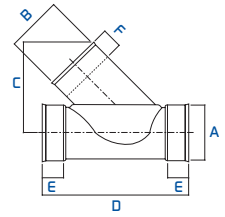
Nominal Size		Code	C mm	D mm	E mm	F mm
A mm	B mm					
150	110	PS635RS	242.5	400	62	57
225	110	PS1035RS	280.5	517	92.5	67.5
225	150	PS1031	324	537	92.5	82.5
225	160	PS1031RS	328	567	92.5	82.5
300	110	PS1235RS	311	523	114	67.5
300	150	PS1231	348	586	114	82.5
300	160	PS1231RS	356	573	114	82.5
300	225	PS12100	458	704	114	100

## Rodding Eye

Nominal Size	Code	Description
150	PS6225	Sealed oval top in aluminium

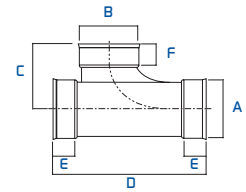
## 45° EQUAL JUNCTIONS →

Each junction supplied with 3 seals



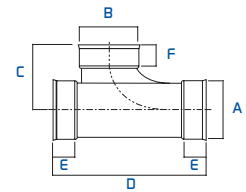
## 90° EQUAL JUNCTIONS →

Each junction supplied with 3 seals



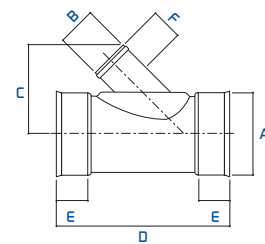
## 90° UNEQUAL JUNCTIONS →

Each junction supplied with 3 seals

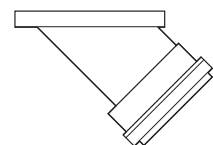


## 45° UNEQUAL JUNCTIONS →

Each junction supplied with 3 seals



## RODDING EYE →



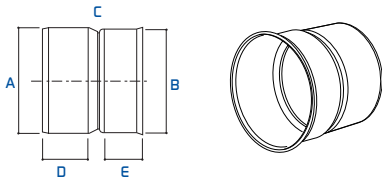
Note: 110mm & 160mm sockets are for connection to EN 1401-1 solid wall pipes. 150mm, 225mm & 300mm sockets are for connection to Polysewer structured wall pipes.

All dimensions provided are nominal.



**SPIGOT ADAPTORS TO EN1401-1** →

Each adaptor supplied with 1 seal

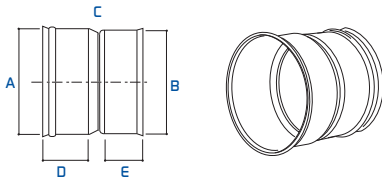


**Spigot Adaptors to EN1401-1**

Nominal Size	Code	A mm	B mm	C mm	D mm	E mm
225	PS10102	250	225	241	134	92.5
300	PS12102	315	300	265	144	114

**SOCKET ADAPTORS TO EN1401-1** →

Each adaptor supplied with 2 seals

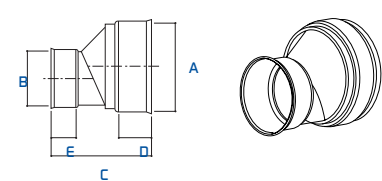


**Socket Adaptors to EN1401-1**

Nominal Size	Code	A mm	B mm	C mm	D mm	E mm
150	PS689	160	150	147	70	77
225	PS1089	250	225	240	110	92.5
300	PS1289	315	300	286	125	114

**LEVEL INVERT REDUCERS** →

Each reducer supplied with 2 seals

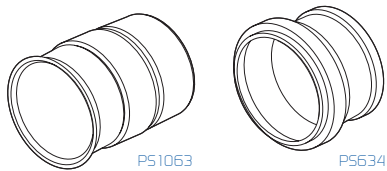


**Level Invert Reducers**

Nominal Size	Code	A mm	B mm	C mm	D mm	E mm
225X150	PS1021	225	150	287	92.5	72.5
300X225	PS1221	300	220	345	114	92.5

**ADAPTORS TO OTHER PIPE SYSTEMS** →

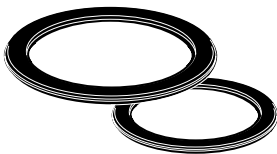
Each adaptor supplied with seals



**Adaptors**

Nominal Size	Code	Description
150	PS634	Double socket to super clayware pipe
150	PS696	Double socket to thick clayware pipe
150	PS6105	Double socket Ultrarib adaptor
225	PS1063	Single socket to clay socket
225	PS10105	Double socket Ultrarib adaptor
300	PS1263	Single socket to clay socket
300	PS12105	Double socket Ultrarib adaptor

**SEALING RINGS** →



**Sealing Rings**

Nominal size	Code
150	PSSP1
225	PSSP2
300	PSSP3

**SNAP CAPS & SEALS** →



**Snap Caps & Seals**

Nominal Size	Code	Description
150	PS6103	To adapt bends and 45° junctions to EN1401 pipes
150	PS6104	To adapt couplers and 90° junctions to EN1401 pipes



PT/193/1102

## RIDGITITE SADDLE →

The Ridgitite saddle is a simple and efficient way of joining lateral pipes to existing Ridgisewer systems. The unit is supplied pre-assembled with a 160mm outlet suitable to take 150mm Polysewer and EN1401 pipe. A 177mm diameter hole drilled in the pipe is required to fit the saddle. The saddle is available in 4 sizes to suit diameters from 300 to 600mm.

The saddle has been tested in accordance with the requirements of EN 1277: 1996 "Thermoplastic piping systems for buried non-pressure applications". This is the same joint performance requirements as specified in UK Water Industry Specification WIS 4-35-01, "Specification for thermoplastic structured walled pipes, joints and couplers with a smooth bore for gravity sewers".

Ridgitite Saddles

Nominal size	Code	Corrugation Height mm	Polypipe System
300	SLPS300	15-18	Polysewer
400/450	SLD375450	29-33	Ridgisewer
500	SLD500	35-38	Ridgisewer
600	SLD600	41-44	Ridgisewer
	HOL177		177mm hole saw



## Ridgitite Saddle features

- Designed specifically to seal to structured wall plastic pipes
- No need to excavate around the pipe and disturb its bedding
- Quick and easy to install
- Test and backfill immediately after fitting - no waiting for adhesive / sealants to set
- Tested and approved by WRc

## RIDGITITE INSTALLATION →



**STEP 1 →**  
Cut the hole in the pipe using a suitable drill



**STEP 2 →**  
Sand down the rough edges of the hole



**STEP 3 →**  
Apply Polypipe lubricant to the seal



**STEP 4 →**  
Push the saddle connector firmly into the hole



**STEP 5 →**  
Tighten the screws with the supplied tool



**COMPLETED SADDLE CONNECTION →**

All dimensions provided are nominal.



### Ridgigully features

Unique, patented screw thread corrugations offer:

- Lightness and superior strength
- Effective keying into the concrete surround
- Nested gullies lock together for easy handling, transportation and safer storage on site
- A range of adaptors available. Please contact the sales office for details.



### RIDGIGULLY →

A high quality, light, easy to handle and install alternative to heavy concrete and clay gullies. Ridgigully is manufactured in durable HDPE in 3 sizes.

Ridgigully is suitable for both trapped and untrapped systems with 160mm spigot outlet as standard, which is easily adapted to Polysewer and other pipe systems.

A range of accessories is available, including gully risers that key into the gully and eliminate the need for brickwork to finished level.



Applies to Ridgigully only.

Ridgigully			
Description	Code	Diameter mm	Capacity litres
750mm Ridgigully	RG450750	450	80
900mm Ridgigully	RG450900	450	104
BS EN 1401 coupling	UG602	160	-
Multi Adaptor	ARGMulti	-	-



### MIDIGULLY →

Midigully is ideally sized for domestic and smaller capacity industrial and commercial applications.

Ridgigully			
Description	Code	Diameter mm	Capacity litres
600mm Midigully	RG300600	300	24
BS EN 1401 coupling	UG402	110	-
Silt Bucket	RGSB	-	-
Grating (Class B 125 to BS EN 124)	RGG	-	-

### Midigully features

- Manufactured in durable HDPE
- Spigot outlet, suitable for connection to 110mm BS EN 1401 sockets that can also be adapted to 100mm Ridgidrain
- Optional aluminium silt buckets and cast iron gratings
- A range of adaptors available. Please contact the sales office for details.

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  
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)

© Polypipe Civils Limited

All rights reserved. Copyright in this publication belongs to Polypipe Civils Limited and all such copyright may not be used, sold, copied or reproduced in whole or part in any manner or in any media to any person without our prior written consent.

