# ULTRA3 UNDERGROUND DRAINAGE

⊕ www.jdpipes.co.uk ♥ @jdpipes\_co\_uk ¶ /JDPipes.co.uk



WA RELAND

DRAID A PROVIDENCE

LEIG - FRANKLER



# CONTENTS

	-
Size range 100/110 - 300/315 4 - 5	2
Large diameter 375/400 - 600/630 6 - 7	7
ULTRA3 standards 8 - 9	)
Chambers & Gullies 10	
Accessories for installation 11	
Joining ULTRA3 12	
Structural design & technical support13	
Handling & storage14	
ULTRA3 approvals & sustainability 15	
Case studies 16 -	17
ULTRA3 vs concrete or clay 18	
Total drainage solutions19	





# **INTRODUCTION TO ULTRA3**

Advanced technology allows a new generation of pipework and components that focus on installation, sustainability and compliance.

JDP brings this advanced technology to the market with the ULTRA3 sewer system. We offer a full range of pipework and fittings from 110mm to 630mm. ULTRA3 can be used as a dual-purpose system for foul and surface water sewers in adoptable, private and commercial applications.

Manufactured from PVC-U in 3 layers, with a centre core of recycled material and inner and outer layer of virgin material. The pipes have a smooth internal and external wall.

The ULTRA3 pipe is certified to BS EN 13476-2 as an SN8-rated thermoplastic structured wall pipe. With a full combination of fittings certified to EN1401-1, ULTRA3 is the ultimate underground sewer system.





#### **Features & Benefits**

- Complete system of PVC-U pipe and fittings from 100/110mm to 600/630mm (ID/OD)
- Approved and accepted by Water Authorities across the UK.
- Lightweight SN8-rated pipework, manufactured with intermediary layer of at least 40% recycled PVC, certified to BS EN 13476-2
- Fittings certified to BS EN 1401-1
- Pre-installed integral seal for peace of mind when connecting fittings and reducing install issues
- Direct connections to PPIC, AXEDO & pre-formed concrete bases without additional adaptors
- Available nationwide from JDP's extensive branch and delivery network











# SIZE RANGE 100/110 - 300/315



# Pipe

	Pipe Diameter (ID/OD) mm					
Description	100/110	150/160	185/200	225/250	300/315	
Single Socket Solid Pipe x 3m	01864UP3S	01866UP3S	02868UP3S	028610UP3S	028612UP3S	
Single Socket Solid Pipe x 6m	01864UP6S	01866UP6S	-	-	-	
Single Socket Perforated Pipe x 6m	01064DP6SP	01066DP6SP	-	-	-	

(Internal diameters are nominal)



#### Couplers

	Pipe Diameter (ID/OD) mm				
Description	100/110	150/160	185/200	225/250	300/315
Single Socket Coupler	01024D69	01026D69	-	-	-
Double Socket Coupler	01024D20D	01026D20D	02828D20D	028210D20D	028212D20D
Double Socket Slip Coupler	01024D20DSC	01026D20DSC	02828D20DSC	028210D20DSC	028212D20DSC

#### **Double Socket Bends**

	-	_	1
			-
	-	-	
	- 81		

	Pipe Diameter (ID/OD) mm					
Description	100/110	150/160	185/200	225/250	300/315	
15° Double Socket Bend	01024D29D	01026D29D	-	-	-	
30° Double Socket Bend	01024D27D	01026D27D	-	-	-	
45° Double Socket Bend	01024D25D	01026D25D	-	-	-	
90° Double Socket Bend	01024D23D	01026D23D	-	-	-	
90° Double Socket Rest Bend	01024D21D	-	-	-	-	
0-30° Double Socket Adjustable Bend	01024DV40D	-	-	-	-	

#### **Single Socket Bends**



	Pipe Diameter (ID/OD) mm				
Description	100/110	150/160	185/200	225/250	300/315
15° Single Socket Bend	01024D29	01026D29	02828D29	028210D29	028212D29
30° Single Socket Bend	01024D27	01026D27	02828D27	028210D27	028212D27
45° Single Socket Bend	01024D25	01026D25	02828D25	028210D25	028212D25
90° Single Socket Bend	01024D23	01026D23	02828D23	028210D23	028212D23
90° Single Socket Rest Bend	01024D21	-	-	-	-
0-30° Single Socket Adjustable Bend	01024DV40	-	-	-	-





# **Equal Junctions**

	Pipe Diameter (ID/OD) mm					
Description	100/110	150/160	185/200	225/250	300/315	
45° Triple Socket Junction	01024D33D	01026D33D	-	-	-	
90° Triple Socket Junction	01024D30D	01026D30D	-	-	-	
45° Double Socket Junction	01024D33	01026D33	02828D33	028210D33	028212D33	
90° Double Socket Junction	01024D30	01026D30	-	-	-	

# **Unequal Junctions**

	Pipe Diameter (ID/OD) mm					
Description	100/110	150/160	185/200	225/250	300/315	
45° Triple Socket Junction (110mm)	-	010264D33D	-	-	-	
90° Triple Socket Junction (110mm)	-	010264D30D	-	-	-	
45° Double Socket Junction (110mm)	-	-	028284D33	-	-	
45° Double Socket Junction (160mm)	-	-	028286D33	-	0282126D33	
45° Double Socket Junction (200mm)	-	-	-	0282108D33	-	
45° Double Socket Junction (110mm)	-	010264D33	-	-	-	
45° Double Socket Junction (160mm)	-	-	-	0282106D33	-	
45° Double Socket Junction (200mm)	-	-	-	-	0282128D33	
90° Double Socket Junction (110mm)	-	010264D30	-	-	-	

# **Reducers & Adaptors**

	Pipe Diameter (ID/OD) mm					
Description	100/110	150/160	185/200	225/250	300/315	
Universal Rainwater Adaptor	01024D76	-	-	-	-	
Universal Waste Adaptor	01024DW200	-	-	-	-	
160mm x 110mm Level Invert Reducer	-	010264DT	-	-	-	
200mm x 160mm Level Invert Reducer	-	-	028286DT	-	-	
250mm x 160mm Level Invert Reducer	-	-	-	0282106DT	-	
250mm x 200mm Level Invert Reducer	-	-	-	0282108DT	-	
315mm x 250mm Level Invert Reducer	-	-	-	-	02821210DT	



# Access Fittings

	Pipe Diameter (ID/OD) mm					
Description	100/110	150/160	185/200	235/250	300/315	
Oval Alu Sealed Rodding Eye	01024DRE	01026DRE	-	-	-	
Square Alu Sealed Rodding Eye	01024DRESS	-	-	-	-	
Screwed Access Cap	01024D64	01026D64	-	-	-	
Protect Cap TC	01024D67	01026D67	02828D67	028210D67	028212D67	
Socket Plug	01024D68	01026D68	02828D68	028210D68	028212D68	



**LARGE DIAMETER** 



# JDP can provide you with the full ULTRA3 system ranging from sizes 110 - 630mm.

JDP's large diameter ULTRA3 pipes can be used in place of heavy concrete pipes with the benefit of being quicker to install and a reduced health and safety risk. JDP can provide full structural calculations to ensure the correct and most economical bed and surround are used based on site conditions.

	_		
-			-

#### Pipe

	Pipe Diameter (ID/OD) mm				
Description	375/400	475/500	600/630		
Single Socket Solid Pipe x 3m	029616UP3S	029620UP3S	029624UP3S*		

(Internal diameters are nominal) \* SN4 also available

#### Couplers

	Pipe Diameter (ID/OD) mm			
Description	375/400	475/500	600/630	
Double Socket Coupler	029216D20D	029220D20D	029224D20D	
Double Socket Slip Coupler	029216D20DSC	029220D20DSC	029224D20DSC	





# Single Socket Bends

	Pipe Diameter (ID/OD) mm			
Description	375/400	475/500	600/630	
15° Single Socket Bend	029216D29	029220D29	029224D29	
30° Single Socket Bend	029216D27	029220D27	029224D27	



# **Unequal Junctions**

	Pipe Diameter (ID/OD) mm		
Description	375/400	475/500	600/630
45° Double Socket Junction (160mm)	0292166D33	0292206D33	0292246D33



Plugs & Caps				
	Pipe Diameter (ID/OD) mm			
Description	375/400	475/500	600/630	
Socket Plug ULTRA3	029216D68	029220D68	029224D68	
Protect Cap TC	029216D67	029220D67	029224D67	

#### Saddle Connections

Description	Code
PVCU Saddle Connection To Concrete (150mm)	029226DSAD
400mm PVCU Saddle Connection To ULTRA3 (160mm)	0292166DSAD
500mm PVCU Saddle Connection To ULTRA3 (160mm)	0292206DSAD
600mm PVCU Saddle Connection To ULTRA3 (160mm)	0292246DSAD

Other fittings are available on request - please contact JDP for more information.



## **ULTRA3 STANDARDS**

#### EN 13476

EN 13476 is a European standard that outlines the requirements of PVC-U, PP and PE structured wall plastic piping systems for non-pressure underground drainage and sewerage.

The standard defines multi-layer pipework and improves upon the more commonly known EN 1401 standard which outlines requirements for singlelayer underground drainage pipework. A drainage system can consist of interchangeable products as standards apply to individual products being used; an adoptable drainage system can contain both EN 13476 and EN 1401 products.

EN 13476 has three subsections that cover performance, different manufacturing methods and style of pipework.



EN 13476-2 pipework

#### EN 13476-1



EN 13476-1 specifies general requirements, performance & characteristics that apply to both EN 13476-2 & EN 13476-3 pipework.

#### EN 13476-2



EN 13476-2 specifies pipework with a smooth inner & outer wall, with an intermediary layer. EN 13476-3



EN 13476-3 specifies pipework with a smooth inner wall & profiled outer wall.

#### BS EN 13476-2

ULTRA3 pipework is manufactured and certified to EN 13476-2, with virgin PVC-U inner and outer layers and an intermediary layer manufactured from at least 40% recycled PVC-U.



#### WIS 4-35-01

WIS 4-35-01 outlines additional testing requirements for thermoplastic structured wall pipes in accordance with Sewers for Adoption and Sewers for Scotland. This standard covers three areas of testing:

- Resistance to internal puncture test
- Resistance to water jetting test
- Longitudinal bending test

ULTRA3 is the first PVC-U pipe that has been independently tested by the WRc and exceeds 4000psi jetting pressure. ULTRA3 has been extensively tested in all three areas and exceeds the requirements of WIS 4-35-01.



#### EN 1401

EN 1401 is a European standard that outlines the requirements of PVC-U solid wall piping systems for non-pressure underground drainage and sewerage.

ULTRA3 systems use fittings that are certified to EN 1401-1.



#### **SN Rating**

The Nominal Stiffness (SN) is the crush resistance of a pipe. It is measured in kN/m2 (kilo Newton force per square metre).

In a drainage system without internal pressure, the pipework is subjected to external loads such as backfilling and traffic (and upward forces such as groundwater). These loads can deform the pipe (produces cracks or lowers performance) with compressive stress on the internal structure and tensile stress on the external structure. A SN rating is the resistance to these forces.

#### **ULTRA3 SN8 System Approval**

The DYKA ULTRA3 system is made up of SN8 pipe to EN 13476-2 and SDR41 fittings to EN 1401-1.

The DYKA ULTRA3 pipe is kitemarked to BS EN 13476-2. Within this standard, section 9.2 states that:

'The mechanical characteristics of solid-wall fittings are described in the relevant product standards (EN 1401-1, EN 1852-1 or EN 12666-1) or (EN 13476-3).' All fittings used with ULTRA3 are certified to EN 1401-1 as SDR41 so meet this requirement.

BS EN 13476-1 gives guidance on what fittings are acceptable with pipework to BS EN 13476-2.

Table B.1 from Annex B in BS EN 13476-1:2018 shows that with SN8 structured wall pipe, fittings to EN 1401-1 at SDR41 are suitable for use with SN8 pipe.

Pipe stiffness class	Minimum stiffness of fittings according to:		Minimum wall thickness series of fittings according to:		
	EN 13476-2 & EN 13476-3	EN 14758-1 [31]	EN 1852-1 [28]	EN 1401-1 [28]	EN 12666-1 [30]
SN2	SN2	SN4	S20	SDR51	SDR33
SN4	SN4	SN4	S20	SDR51	SDR33
SN8	SN8	SN8	S16	SDR41	SDR26
SN16	SN16	-	S13.3	SDR34	SDR21

This shows that according to the European Norms specified in Sewers for Adoption and Sewers for Scotland for Thermoplastic Structured Wall Pipes, the ULTRA3 system meets the requirements.



# **CHAMBERS & GULLIES**





#### **Gullies & Traps**

	Pipe Diameter (ID/OD) mm				
Description	100/110	150/160	185/200	225/250	300/315
Round Plain Bottle Gully	01024DBG	-	-	-	-
Round Back Inlet Bottle Gully	01024DBGBI	-	-	-	-
Square Back Inlet Bottle Gully	01024DG89	-	-	-	-
45° Universal Gully Trap	01024DG90	-	-	-	-
Lowback P Trap	01024DG91	-	-	-	-
Square Hopper Head	01024DG92	-	-	-	-
Rectangular Hopper Head	01024DG93	-	-	-	-
700mm Dykagully Base Ø 320mm	0603UGBASE110	-	-	-	-
Dykagully Hinged Grating (C250)	0603UGSTOP	-	-	-	-

#### **PP Inspection Chambers (PPIC)**

	Pipe Diameter (ID/OD) mm					
Description	100/110	150/160	185/200	225/250	300/315	
110mm PPIC Chamber Base Ø 320mm 170mm deep; 3x 110mm inlets	01024DSMB3					
110mm Level Invert PPIC Chamber Base Ø 320mm 220mm deep; 5x 110mm inlets	01024DSMB5	See 160mm PPIC Chamber below	See 160mm PPIC Chamber below See AXEDO®			
Ø 320mm Chamber Riser x 190mm With sealing ring	01024DSMR190			See AXEDO®	See AXEDO®	See AXEDO®
Ø 320mm Chamber Riser x 440mm With sealing ring	01024DSMR400					
Ø 320mm PPIC A15 Round Cover & Frame	01024DSMCDR					
Ø 320mm PPIC A15 Square Cover & Frame	01024DSMCDS					
110mm PPIC Chambor Bass Ø 450mm						
250mm deep	01024DLMB	-				
160mm PPIC Chamber Base Ø 450mm 160mm main branch; 2 x110mm 45° inlets; 2 x 160mm 90° inlets; 280mm deep	-	01026DLMB				
Ø 450mm Chamber Riser x 235mm With sealing ring	01024DLMR	01024DLMR	See AXEDO®	See AXEDO®	See AXEDO®	
Ø 450mm PPIC A15 Round Cover & Frame	01024DLMCR	01024DLMCR				
Ø 450mm PPIC A15 Square to Round Cover & Frame	01024DLMCS	01024DLMCS				

Ø 320mm PPIC max install depth: 0.6m Ø 450mm PPIC max install depth: 1.2m



# ACCESSORIES FOR INSTALLATION



#### Lubricant

	Pipe Diameter (ID/0D) mm				
Description	0.5kg	1kg	2.5kg		
Pipe Jointing Lubricant	2001LUB500	2001LUB1	2001LUB2.5		



#### Air Test Bags

Description	Code
110mm Air Test Bag	200183032
160mm Air Test Bag	200183051
250/315mm Air Test Bag	200183062
400mm Air Test Bag	200187375
500mm Air Test Bag	200187470
630mm Air Test Bag	200187600



Air Test Kits				
Description	Code			
Air Testing Kit	200179109			
Pump	200184011			



# **Chamfering Tools**

Description	Pipe Diameter (ID/OD) mm
Hand rasp	2001RASP
110mm drill tool	2001CHAMFER
Cordless router	2001ROUTER
Cutting tool for router	2001BEVCUTTER



Warning Tape					
	Description	Code			
	Detectable warning tape (FOUL SEWER)	2003DETMESHSB			
	Economy warning tape (FOUL SEWER)	2003FOULSEWECON			



# **JOINTING ULTRA3**

#### How to join full pipe lengths

All pipes come with one plain end (spigot) and one socketed end. The plain end is pre-chamfered and the socket has a pre-installed fixed ring seal meaning that pipes can be taken straight from the pack and fitted together on site with minimal extra work required.

Pipes should be laid with the socket at the upstream end. The contractor must ensure the spigot and socket to be connected are clean and free from debris. JDP lubricant should be liberally applied to the spigot and the seal within the socket. The pipes should then be aligned correctly and pushed together until the spigot is fully inserted.



#### **Cutting Pipes**

If a pipe requires cutting to length on site, the following procedure should be followed to ensure a good connection with another ULTRA3 pipe or ULTRA3 fitting:

- 1. Mark the pipe to the length required.
- 2. Cut the pipe squarely safely and with the correct PPE.
- Chamfer the cut end of the pipe using a power router with a bevel cutting tool or hand held rasp. The chamfer should be even and smooth around the circumference of the pipe.
- 4. Follow the joining method above.



Air or water testing should be carried out in accordance with the guidelines from the relevant authority. For air testing, test bags (rather than bungs), should be used for all ULTRA3 pipe sizes.

Air testing can be affected by lots of factors and a failure will not determine the non-acceptance of a pipeline if a successful water test can be carried out.



110mm chamfered edge





Air testing



# STRUCTURAL DESIGN

The structural design of buried pipelines is governed by BS EN 1295-1. According to the calculation methods within this standard the ULTRA3 system is capable of being installed between 0.6m and 10m deep based on certain parameters.



If the site conditions are outside of the above parameters then a structural design check should be carried out in accordance with BS EN 1295-1. Please contact the JDP Technical Department for further advice and bespoke calculations.

#### Parameters

- Main roads loading (according to BS EN 1295)
- Unit weight of soil 19.6 kN/m<sup>3</sup>
- Trench width is equal to pipe OD + 300mm
- Native soil spangler modulus 8 MN/m<sup>2</sup>
- Backfill S1 single size gravel compacted to
  95% modified proctor density
  (concrete surround may be required (in shallow installations) in
  accordance with local authority regulations
- Deformation to be less than 6% and factor of safety above 2 to be suitable in accordance with Sewers for Adoption and BS EN 1295.

# **TECHNICAL SUPPORT**



The technical support team are available to offer their help, from a simple enquiry to an in-depth drainage design. This complimentary service is unique among drainage and civils merchants in the UK.

JDP technical support are able to assist with certain design aspects of gravity drainage systems. This ranges from assisting with SUDS designs (soakaways/ attenuation), to full system designs for small residential developments up to 20 properties and commercial projects.

To allow for a smoother process the technical support team are willing to work with local authorities and the Environment Agency to ensure that the proposed scheme will meet with any necessary regulations.



# HANDLING

Extra care should be taken when handling PVC pipes in cold weather.

If bundles of ULTRA3 are to be removed from a vehicle mechanically, nylon belt slings or fork lifts with smooth forks can be used, making sure no metal, hooks or chains come into direct contact with the pipe.

Correct PPE should be worn at all times when handling the pipes, gloves, hard hat, hi-visibility clothing and safety footwear.

# **PIPE WEIGHTS**

#### Size Range 100/110 - 300/315

	Pipe Weight (kg/mtr)				
Description	100/110	150/160	185/200	225/250	300/315
Single Socket Solid Pipe x 3m	1.330	2.940	4.753	7.144	11.325
Single Socket Solid Pipe x 6m	1.329	2.847	-	-	-
Single Socket Perforated Pipe x 6m	1.667	3.285	-	-	-

#### Size Range 375/400 - 600/630

	Pipe Weight (kg/mtr)		
Description	375/400	475/500	600/630
Single Socket Solid Pipe x 3m	19.43	30.34	45.78

# STORAGE

Pipes must be stored on a flat surface and away from anything that is likely to cause damage.

Bundles of ULTRA3 can be stored up to three high without any support barriers.

Care must be taken when removing pipes from bundles as the straps are under extreme strain and may flail when cut.

Pipes of different sizes should be stacked separately, if this is not possible the larger pipes should be stacked below the smaller.







# **ULTRA3 APPROVALS**

ULTRA3 has been approved and accepted by water authorities across the UK.

ULTRA3 systems are included in the following publications:

- Sewers for Adoption and Sewers for Scotland under its generic name of; Thermoplastic Structured Wall Sewer Pipe in sections E 2.22 & 4.2.22 respectively.
- Civil Engineering Specification for the Water Industry (CESWI), under its generic name of; Thermoplastic Structured Wall Sewer Pipe.







# SUSTAINABILITY

Pipework manufactured to EN 13476-2 with an intermediary layer of at least 40% recycled PVC, with virgin PVC inner & outer layers.

Makes 100/110mm & 150/160mm pipework 20-25% lighter than EN 1401 pipework.

Provides safer & easier handling on site and a reduced carbon footprint than alternative plastic systems.



Recycled core of ULTRA3 pipework







# **Oxford Brookes**

ULTRA3 Case Study

# JDP & ULTRA3 provide sustainable drainage for £75m student housing development.

ULTRA3 has provided a 35% saving compared to alternative systems for an 885-room, halls of residence built on behalf of Oxford Brookes University on the former historic Cowley Barracks. JDP are supplying a number of key components to SSC Construction, who will redevelop the site, ready for students.

# Delivering a successful solution

ULTRA3 fittings feature an integral seal that quickens installation, increases seal quality and reduces delays and air test failure rates. It's inherently resistant to potential damage from cleaning and maintenance, and the high-pressure-water-jetting rating exceeds water authority requirements.

The range of SN8-rated 110mm to 630mm products offers a single system for underground drainage and can be used in both plot drainage and adoptable sewer applications.

# What JDP did

With the project focus on sustainability and environmental benefits, JDP's ULTRA3 system was a

perfect fit for the brief, thanks to its strengthened, multi-layered structure that uses at least 40% recycled plastic in its core.

The environmentally-friendly drainage system has reduced the impermeable area of the site from 1.6 to 1.2 hectares.

# Testimonials

John Smith, site manager for SSC Construction, praised ULTRA3's versatility and ease of installation as a single product system: "The fittings have an integral seal, which speeds up connections and reduces air-test failure rates, and the smooth-wall pipe makes it easy to handle on site even on the larger diameter sizes.

It's the direct connections to the inspection chambers that really quickens things up. We were putting the system together in hours rather than days."









# **Inverurie Campus**

ULTRA3 Case Study

# JDP delivers 20% saving on drainage for £55 million Community Campus.

The Inverurie Community Campus, due to open in 2020, will provide space for 1,600 pupils and will feature a range of amenities for the wider community.

JDP worked closley with one of the project's contractors, David Smith Contractors to provide them with a complete range of underground drainage systems.

# Delivering a successful solution

Thanks to its full combination of fittings, ULTRA3 was a key component to the underground sewer drainage system provided by JDP. ULTRA3 products are made from recycled materials and are lightweight, which reduces not only installation time but reduces CO<sup>2</sup> emissions too — as more products can be stored during delivery.

ULTRA3 pipe has many benefits over a traditional sewer pipe. The SN8 ULTRA3 system is quicker installed than other sewer systems as the pipes slot together avoiding the need for adaptors.

# What JDP did

The combination of JDP's product innovation and local stock availability, resulted in a 20% cost saving for one of the biggest school construction projects in Scotland.

Having the opportunity to supply the entire site meant further cost savings could be made, and JDP also helped to overcome on-site challenges at the same time.

# Testimonials

Regional Sales Office Supervisor at JDP explains: "JDP focuses on providing exceptional service and specialist support to the industry, and for this project it was no different. Space on-site has been a huge issue, so holding goods nearby for the contractor, enabled further efficiencies, and provided added peace of mind."

ULTRA3 offers both environmental and time-saving benefits. "ULTRA3 saves money throughout the project compared to equal alternatives. David Smith contractors have two drainage squads and had both separately contacted the contracts manager to say how easy it was to install and comment on how robust it was."



# **ULTRA3 VS. CONCRETE OR CLAY**

ULTRA3 drainage systems offer real benefits over traditional concrete chambers in time, cost, flexibility to site conditions, and in health and safety for operatives on site.



ULTRA3 drainage pipes come in longer lengths, requiring less joints and in turn reduces the risk of a failed air test. Less chance of breakages on site.



ULTRA3 is up to 91% lighter than the equivalent size of clay/concrete pipe, it therefore requires less machinery and becomes a much safer option.



# Consistent

The system is manufactured and kitemarked in sizes 110 - 630mm, there is no need to interchange between other systems.



# Sustainable

Lightweight pipe leads to reduced transport CO<sub>2</sub> emissions, costs, time and site traffic. Pipes are manufactured sustainably and contain at least 40% recycled material and have a 85% lower average environmental impact.\*



Direct connection to most plastic chambers without the need for adaptors, including type 3 flexible material chambers in accordance with SfA7, such as AXEDO<sup>®</sup>.



Flexible pipe system means less chance of any damage when being installed near to structures such as manholes. No requirement needed for rocker pipes.









## CUSTOMER SERVICE

JDP offers expert product and application advice with a fast, friendly, efficient and first-class customer focused service.



**RELIABLE DELIVERY** A nationwide branch network supplies all

materials direct to site and on time with JDP's own fast, reliable vehicle fleet.



#### **TECHNICAL ADVICE** JDP guides you through design and offer value engineering on your project, and

value engineering on your project, and quick turnaround on take-offs.



# STOCK IN-DEPTH

Extensive product availability achieves project deadlines. Everything you need is available from your local JDP branch.



# **Contact JDP**

Inverness	01463 717818
Inverurie	01467 633332
Broxburn	01506 854626
East Kilbride	01355 235581
Longtown	01228 792391
Birtley	0191 410 9522
Skipton	01756 796180
Knottingley	01977 677000
Manchester	0161 724 2300
Bolton	01204 396052
Alfreton	01773 835104
Wednesbury	0121 558 6076
Northampton	01604 754025
Norwich	01603 931318
Colchester	01206 795555
Cambridge	01223 654310
Havant	023 9247 3437
Ashford	01233 618323
Berkhamsted	01442 874692
Isle of Wight	01983 537250
Carmarthen	01267 220656
Hereford	01432 376752
Yate	01454 323000
Avonmouth	0117 938 0138
Dorchester	01305 853887
Launceston	01566 777081



 Locate your local JDP branch at www.jdpipes.co.uk/branches

#### Sales & Products

- 2 0800 195 1212
- Sales@jdpipes.co.uk ≥

#### **General Enquiries**

- J 01228 791503
- ☑ contact@jdpipes.co.uk

#### **Technical Support**

- J 01228 794445
- ✓ technical.support@jdpipes.co.uk

#### Online

- www.jdpipes.co.uk
- 🍯 @jdpipes\_co\_uk
- f /JDPipes.co.uk

JDP is more than just a merchant. As part of Tessenderlo Group, a worldwide organisation operating across 21 countries, our manufacturing capabilities, technical knowledge and extensive product knowledge makes us one of the leading experts in your industry.

By continuing to invest in extensive stock levels to ensure local availability of our product range, and combining expertly trained staff, our own specially designed vehicle fleet, a dedicated in-house Technical Support team and a growing nationwide network of branches, JDP is always close to the project and ready to serve.

#### © JDP

John Davidson (Pipes) Limited, Townfoot, Longtown, Carlisle, Cumbria, CA6 5LY Tel: 01228 791503 Email: contact@jdpipes.co.uk Web: www.jdpipes.co.uk

Registered in Scotland No. SC050397 1 Exchange Crescent, Conference Square, Edinburgh, EH3 8UL

