



FUTURA SYSTEMS

2025

FUTURA SYSTEMS

Thanks to our policy of continuous improvement and to our entrepreneurial and dynamic team, Futura Systems has become a true benchmark in the sector, always committed to innovation and the development of new products.



Futura Systems is part of the international **System Group**, a pioneer in the research and development of complete plastic piping systems. At its Tarragona plant, Futura Systems specializes in the production of complete **double-wall corrugated pipe systems in HDPE and PP**.



SERVICES



Technical Advisory

- Technical enquiries.
- Hydraulic calculations.
- Mechanical calculations.
- Technical justification for material changes in projects.
- Tailor-made special solutions.
- Quotations under review.

Futura Systems Academy

- Staff training.
- Technical training for the product distribution channel.
- Showroom display: spaces designed to highlight the features and benefits of each product and to explore different solutions and applications.
- Factory visits: tours of our facilities to gain first-hand knowledge of the production processes.
- Research.

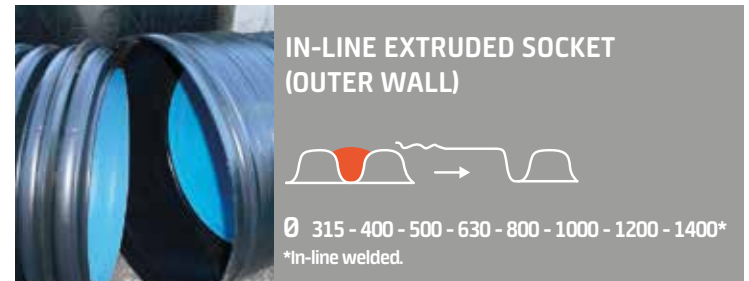
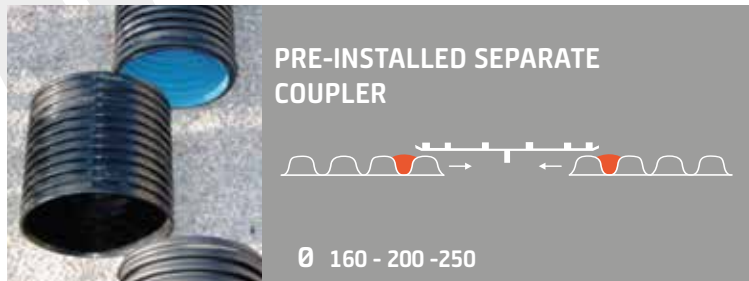
MAGNUM SN8

Raw material	HIGH-DENSITY POLYETHYLENE (HDPE)
Wall structure	DOUBLE WALL (corrugated outer wall / smooth inner wall)
Colours	BLACK on the outside (with UV protection) BLUE on the inside
Manufacturing standard	UNE EN 13476-3 European standard ISO 21138-3 International standard
Ring stiffness	SN8 ($\geq 8\text{kN/m}^2$) - SN4 ($\geq 4\text{kN/m}^2$) optional
Applications	Piping systems for buried non-pressure sewerage, stormwater and drainage.

WITH IN-LINE EXTRUDED SOCKET JOINTING SYSTEM

Ø mm		Code	Trailer			Container		
OD	ID		Bar length	m/pallet	m/trailer	Bar length	Nº of bars	m/container
160	134	M8160B06	6,25 m.	368,75	2.950,00	5,85 m.	450	2.632,50
200	172	M8200B06	6,25 m.	218,75	1.750,00	5,85 m.	280	1.638,00
250	222	M8250B06	6,25 m.	125,00	1.000,00	5,85 m.	176	1.029,60
315	272	M8315B06	6,25 m.	75,00	600,00	5,85 m.	120	702,00
400	347	M8400B06	6,25 m.	50,00	400,00	5,85 m.	70	409,50
500	433	M8500B06	6,25 m.	31,25	250,00	5,85 m.	44	257,40
630	546	M8630B06	6,25 m.	-	187,50	5,85 m.	30	175,50
800	693	M8800B06	6,25 m.	-	112,50	5,85 m.	16	93,60
1000	867	M81000B06	6,25 m.	-	62,50	5,85 m.	8	46,80
1200	1036	M81200B06	6,25 m.	-	50,00	5,85 m.	6	35,10
1400	1200	M81400B06	6,25 m.	-	37,50	5,85 m.	4	23,40

JOINTING SYSTEM DETAILS



MAGNUM SN8 +

Raw material	HIGH-DENSITY POLYETHYLENE (HDPE)
Wall structure	DOUBLE WALL (corrugated outer wall / smooth inner wall)
Colours	BLACK on the outside (with UV protection) BLUE on the inside
Manufacturing standard	UNE EN 13476-3 European standard ISO 21138-3 International standard
Ring stiffness	SN8 ($\geq 8\text{kN/m}^2$)
Applications	Piping systems for buried non-pressure sewerage, stormwater and drainage.





PROJECT SPECIFICATION

MAGNUM SN8 double-wall corrugated pipe, DN/OD diameter mm, manufactured in High-Density Polyethylene (HDPE) in accordance with EN 13476-3 (Type B), with SN 8 ring stiffness ($\geq 8\text{ kN/m}^2$ according to ISO 9969), and fitted with the CorPress jointing system with high leak-tightness performance.

The **CorPress system** consists of two semi-clamps manufactured in polypropylene and internally lined with TPE-SBES elastomeric material, morphologically moulded on the inside to generate a large contact surface with the outer wall of the pipe, providing hydraulic sealing and an anti-slip system.

The system is completed with a bolt kit for correct mechanical tightening according to the specified tightening torque.

Ø mm.		Code	Joint system	Effective bar length	m/pallet	 m/trailer	 m/container	List price €/m
OD	ID							
160	134	M8160B05KP	CorPress	6,00 m effective	354,00	2.832,00	2.700,00	6,68 €
200	172	M8200B05KP	CorPress	6,00 m effective	210,00	1.680,00	1.680,00	10,36 €
250	222	M8250B05KP	CorPress	6,00 m effective	120,00	960,00	1.056,00	16,44 €
315	272	M8315B05KP	CorPress	6,00 m effective	72,00	576,00	720,00	24,10 €
400	347	M8400B05KP	CorPress	6,00 m effective	48,00	384,00	420,00	41,86 €
500	433	M8500B05KP	CorPress	6,00 m effective	30,00	240,00	264,00	63,60 €
630	546	M8630B05KP	CorPress	6,00 m effective	-	180,00	180,00	88,00 €
800	693	M8800B05KP	CorPress	6,00 m effective	-	108,00	96,00	142,20 €
1000	867	M81000B05KP	CorPress	6,00 m effective	-	60,00	48,00	220,00 €
1200	1036	M81200B05KP	CorPress	6,00 m effective	-	48,00	36,00	302,00 €

PIPES



MEGAPIPE

PP SN16

 CorPress®



MEGAPIPE SN16 + CorPress®



Raw material	HM POLYPROPYLENE COPOLYMER (PP-HM) Extra Flexural Modulus
Wall structure	DOUBLE WALL (corrugated outer wall / smooth inner wall)
Colours	BLACK on the outside (with UV protection) ORANGE on the inside
Manufacturing standard	UNE EN 13476-3 European standard ISO 21138-3 International standard TECHNICAL SPECIFICATIONS
Ring stiffness	SN 16 ($\geq 16 \text{ kN/m}^2$)
Applications	Piping systems for buried non-pressure sewerage, stormwater and drainage. Especially suitable for areas subject to high mechanical demands (ports, airports, motorways, etc.) and works with high groundwater levels.



PROJECT SPECIFICATION

MEGAPIPE SN16 double-wall corrugated pipe, DN/OD diameter mm, manufactured from PP-HM copolymer polypropylene (> 1,800 MPa) in accordance with EN 13476-3 (Type B), with SN 16 ring stiffness ($\geq 16 \text{ kN/m}^2$ according to ISO 9969), and fitted with the **CorPress jointing system**, offering high leak-tightness performance and complying with the specific leak-tightness tests (internal pressure: 2.0 bar for more than 8 hours / external pressure: 2 bar for more than 30 minutes). The **CorPress system** consists of two semi-clamps made of polypropylene and internally lined with TPE-SBES elastomeric material, morphologically moulded on the inside to generate a large contact surface with the outer wall of the pipe, providing hydraulic sealing and an anti-slip system.

The system is completed with a bolt kit for correct mechanical tightening in accordance with the specified tightening torque.

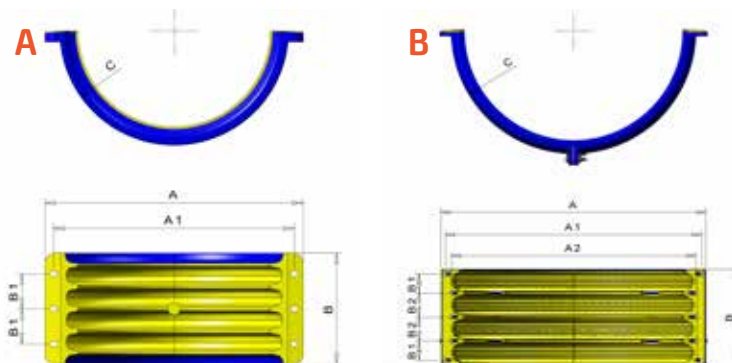
Ø mm.		Code	Jointing system	Effective bar length	m/pallet	 m/trailer	 m/container	List price €/m
OD	ID							
160	134	M16160B05KP	CorPress	6,00 m effective	354,00	2.832,00	2.700,00	10,60 €
200	172	M16200B05KP	CorPress	6,00 m effective	210,00	1.680,00	1.680,00	16,60 €
250	222	M16250B05KP	CorPress	6,00 m effective	120,00	960,00	1.056,00	23,00 €
315	272	M16315B05KP	CorPress	6,00 m effective	72,00	576,00	720,00	38,00 €
400	347	M16400B05KP	CorPress	6,00 m effective	48,00	384,00	420,00	58,80 €
500	433	M16500B05KP	CorPress	6,00 m effective	30,00	240,00	264,00	91,20 €
630	546	M16630B05KP	CorPress	6,00 m effective	-	180,00	180,00	138,10 €
800	693	M16800B05KP	CorPress	6,00 m effective	-	108,00	96,00	226,00 €
1000	867	M161000B05KP	CorPress	6,00 m effective	-	60,00	48,00	330,00 €
1200	1036	M161200B05KP	CorPress	6,00 m effective	-	48,00	36,00	460,00 €



The CorPress system was developed to complement the outstanding characteristics and mechanical properties of the MEGAPIPE SN16 pipe with an innovative jointing system.

The CorPress clamp has been designed by taking advantage of the specific geometry of the corrugated profile of the MEGAPIPE SN16 pipe, faithfully reproducing that profile in an injection-moulded polypropylene component with a continuous internal lining of elastomeric material (TPE-SBES).

The bolted hermetic closure, the large contact surface and the high strength of the clamp provide a perfect joint with full leak-tightness assurance.



PP clamp with SBES rubber overmoulding

The **CorPress clamp** is manufactured in polypropylene with continuous **SBES rubber overmoulding**. In this way, the entire inner surface of the clamp is coated with an elastomeric material acting as a **sealing gasket**.

The special design of the raised ribs on the inner rubber surface helps to ensure **absolute leak-tightness** at the joint.

BOLTED CLOSURE

The two semi-clamps are mechanically joined together by means of **M8 and M10 bolts**. The specified **tightening torque (N·m)** is recommended for each diameter in order to ensure a **hermetic closure**.



DIMENSIONAL CHARACTERISTICS:

DN mm	A mm	A1 mm	A2 mm	B mm	B1 mm	B2 mm	Bolts		Tightening torque N·m	Kit weight	Kits per pallet
							n°	Type			
110	160	138	-	63	-	-	2	M8	10	0,23	-
160	210	185	-	83	50	-	4	M8	10	0,55	472
200	254	225	-	110	36	-	6	M8	10	0,88	280
250	310	262	-	135	44	-	6	M8	10	1,30	160
315	372	348	-	160	50	-	6	M8	10	2,00	150
400	462	440	-	200	72	-	6	M10	24	3,90	80
500	562	525	-	274	80	65	8	M10	24	7,00	48
630	664	630	638	275	70	56	10	M10	24	8,60	18
*800	880	800	830	320	80	62	10 (20)	M10	24	15,20	18
*1000	1113	1083	1053	370	98	74	10 (20)	M10	24	18,80	10
*1200	1300	1270	1240	462	125	95	10 (20)	M10	24	35,40	8

* DN 800 - 1000 - 1200: each semi-clamp consists of 2 quarters pre-assembled at the factory.

COMPARISON

TRADITIONAL JOINT



- Not resistant to internal pressure (standard requirement: 0.50 bar / 15 minutes).
- Limited leak-tightness under negative pressure (withstands vacuum up to 0.30 bar / 15 minutes).
- Very low resistance to tensile forces.
- Recommended for a maximum pipe filling rate of 80%.
- Maximum recommended fluid velocity: 6.0 m/s.
- Not recommended for vertical installations.
- In order to maintain leak-tightness, pipe alignment must be perfect, with no angular deviation at the joint.
- Assembly outside the trench is not feasible due to the difficulty of subsequently lowering the pipeline into the trench.
- For diameters above DN 400 mm, mechanical equipment is required for installation.
- Repair of a damaged pipe section requires complete replacement of the affected pipe length.

VS

CORPRESS JOINT



- Suitable for pressurised pipelines (laboratory test: DN 315, 2.0 bar / 8 hours).
- High leak-tightness under negative pressure (laboratory test: withstands vacuum up to -0.80 bar / 30 minutes).
- High tensile resistance (tensile test: 2,000 kg).
- Suitable for operation with 100% pipe filling.
- Suitable for fluid velocities above 6.0 m/s.
- Recommended for vertical and above-ground installations.
- Allows installation with a moderate bending radius, without affecting the leak-tightness of the joint.
- Suitable for assembly outside the trench.
- The CorPress joint can be installed without any mechanical equipment, even in DN 630 mm diameter.
- The CorPress repair kit allows replacement of only the length of the affected pipe section.

CERTIFICATIONS



EXPLANATORY VIDEOS



**INSTALLATION VIDEO
MECHANICAL RESISTANCE**
Duration: 50 seconds



PRESSURE TEST VIDEO
Duration: 2 min 45 sec



TRENCH LOWERING VIDEO
Duration: 18 seconds



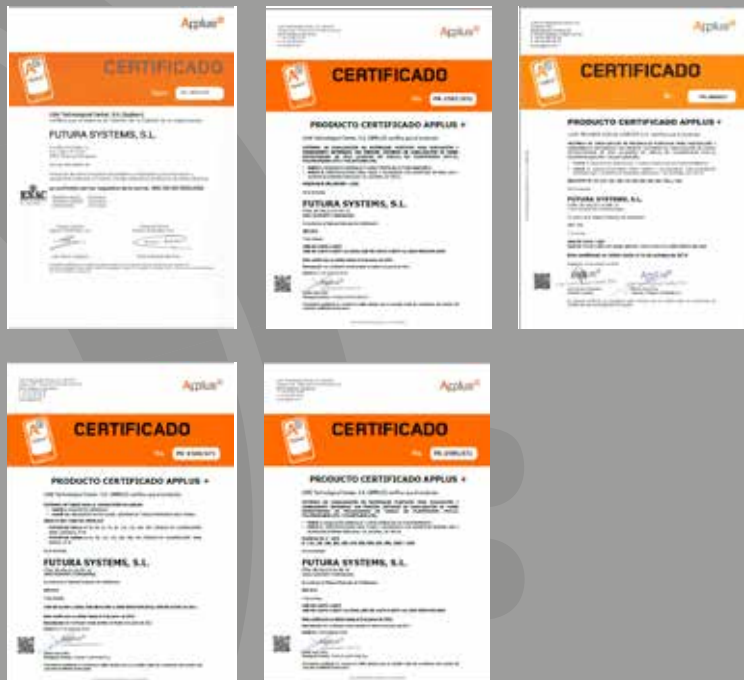
TENSILE RESISTANCE VIDEO
Duration: 1 min 02 sec



**CORRUGATED PVC REPAIR
VIDEO**
Duration: 3 min 13 sec



GENERAL SYSTEM VIDEO
Duration: 1 min 35 sec





OTHER PIPES

PIPES

FLEXI-COR SN8

To bypass obstacles in the trench (6 m effective bar lengths)

NEW

Raw material	HDPE / LDPE
Wall structure	DOUBLE WALL
Colours	BLACK INNER WALL BLUE OUTER WALL
Manufacturing standard	UNE EN 13476-3 European standard ISO 21138-3 International standard
Ring stiffness	SN8 ($\geq 8\text{kN/m}^2$)
Applications	Flexible suction, ventilation and fluid conveyance systems requiring a high degree of curvature and flexibility.





With CorPress jointing system



PROJECT SPECIFICATION

FLEXICOR double-wall corrugated pipe, DN/OD diameter mm, manufactured from **high- and low-density polyethylene (HDPE-LDPE)**, with SN 8 ring stiffness ($\geq 8\text{ kN/m}^2$ according to **ISO 9969**), offering high flexibility for applications requiring large bending radii. Fitted with the **CorPress jointing system** with **high leak-tightness performance**. The **CorPress system** consists of two semi-clamps made of polypropylene and internally lined with **TPE-SBES elastomeric material**, morphologically moulded on the inside to generate a large contact surface with the outer wall of the pipe, providing hydraulic sealing and an **anti-slip system**.

The system is completed with a **bolt kit** for correct mechanical tightening in accordance with the specified tightening torque.

Ø mm.		Code	Jointing system	Bar / coil length	m/pallet	 m/trailer	 m/container	List price €/m
OD	ID							
110	94	FLEXICOR110	CorPress	50,00 m effective	-	4.800,00	4.000,00	4,00 €
160	134	FLEXICOR160	CorPress	25,00 m effective	-	2.000,00	1.600,00	7,00 €
200	172	FLEXICOR200	CorPress	25,00 m effective	-	1.200,00	950,00	12,00 €
250	222	FLEXICOR250	CorPress	6,00 m effective	120,00	960,00	1.056,00	18,00 €
315	272	FLEXICOR315	CorPress	6,00 m effective	72,00	576,00	720,00	28,00 €
400	347	FLEXICOR400	CorPress	6,00 m effective	48,00	384,00	420,00	46,20 €

FLEXI-COR SN8 CorPress®

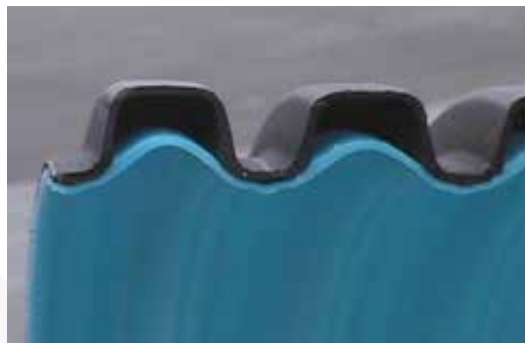
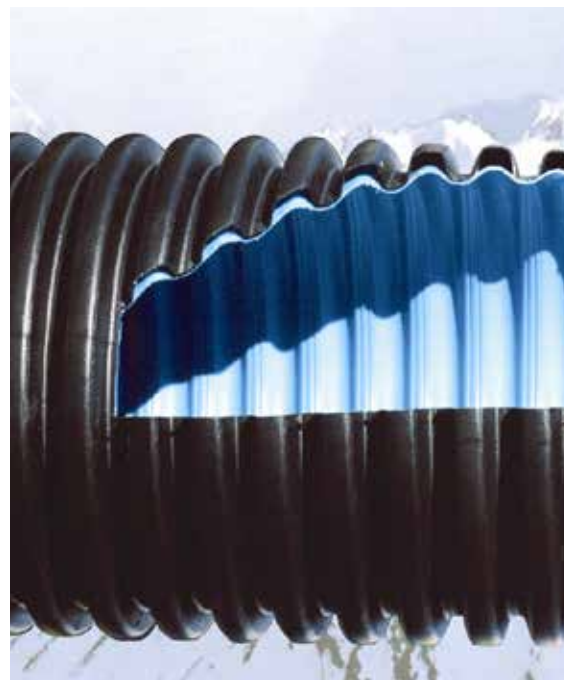
FLEXI-COR SN8 with the **CorPress** jointing system, maintains a perfectly aligned connection, ensuring a **leak-tight joint**. Its exceptional flexibility allows it to efficiently bypass any obstacle, ensuring fast and safe installation.



Service connection application

SLOW FLOW AMR FOR FLOW DECELERATION

Raw material	HIGH-DENSITY POLYETHYLENE (HDPE)
Wall structure	DOUBLE WALL (corrugated outer and inner wall)
Colours	BLACK on the outside (with UV protection) BLUE on the inside
Manufacturing standard	UNE EN 13476-3 European standard ISO 21138-3 International standard
Ring stiffness	SN8 ($\geq 8\text{kN/m}^2$)
Applications	Piping systems for buried non-pressure sewerage, stormwater and drainage. For flow deceleration.



The SLOW FLOW pipe is specially designed for pipelines laid on **steep gradients**. The structural design of the inner wall, incorporating **AMR-type artificial macro-roughness (Artificial Macro Roughness)**, makes it possible to reduce fluid velocity and keep it within the established safety limits.

This results in significant savings in installation costs by eliminating or reducing the number of **drop manholes**.



*With CorPress
jointing system*

WITH CORPRESS JOINTING SYSTEM (EFFECTIVE BAR LENGTH)

Ø mm.		Code	Jointing system	Effective bar length*	m/pallet	m/trailer	m/container	List price €/m
OD	ID							
*200	172	SF8200B06	CorPress	6,00 m effective	210	1.680	1.638,00	14,00 €
*250	222	SF8250B06	CorPress	6,00 m effective	120	960	1.029,60	20,00 €
*315	272	SF8315B06	CorPress	6,00 m effective	72	576	702,00	30,00 €
*400	347	SF8400B06	CorPress	6,00 m effective	48	384	409,50	46,00 €
*500	433	SF8500B06	CorPress	6,00 m effective	30	240	257,40	72,00 €

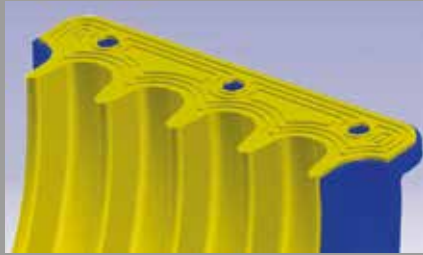


* Made to order / * Other DN sizes available on request

Special applications CorPress®



CORPRESS MECHANICAL JOINTING SYSTEM



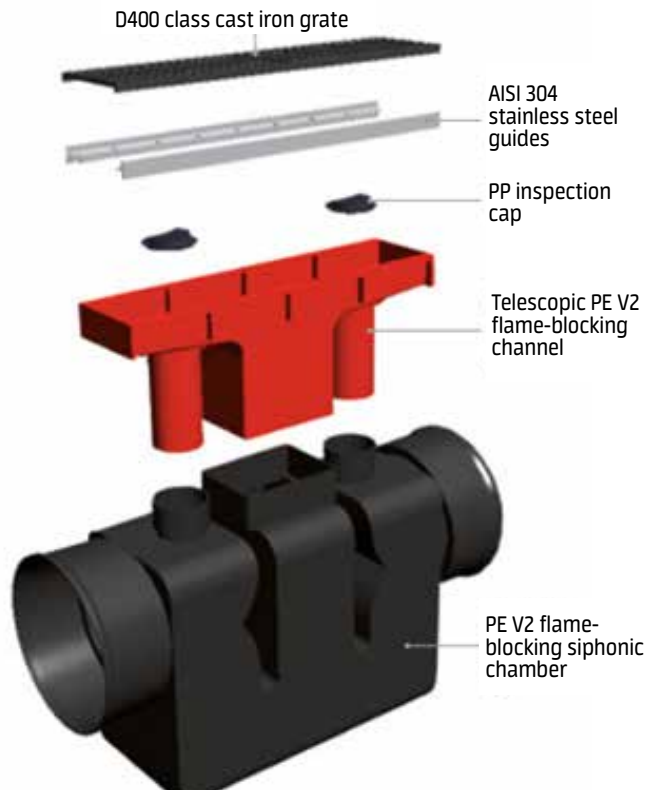
Ø 160 - 200 - 250 - 315 - 400 - 500

With this system, the supplied pipe length is fully effective, representing a 3% saving compared to traditional joints.



Tunnel applications

NO FIRE FIRE-STOP SIPHONIC CHAMBER



The **NO FIRE** channel is manufactured in **polyethylene (PE)** with **V2 flame resistance** according to **UL94**.

The **UPPER SECTION** consists of a **cast iron grate (D400 load class)**, installed on a channel with **3 vertical outlets**:

- The **central square outlet** is used to convey liquids to the lower siphonic chamber.
- The **circular outlets** (closed with a threaded cap and gasket) are used for **inspection and maintenance operations** on the system.

The extensions of these outlets can be easily cut to adjust their height according to installation requirements.

The **LOWER BODY** consists of a tank with **3 vertical connections** that fit into the upper channel, so that the internal space is divided into **3 sections** (separated by two vertical partitions), thus forming a **double-siphon system** with water inside, which prevents the ingress of air while allowing the flow of any liquid.

On both sides of the lower body there are connections for **corrugated pipes**.

FLAME INTERRUPTION AND SMOKE BARRIER: In the event of fire, the water level inside the **NO FIRE** unit acts as a barrier against the penetration of **flames, smoke and oxygen** into the system, thereby blocking propagation to the rest of the collector.



The **double-siphon system** guarantees an insulating effect both **upstream and downstream** of the collector. In the event of flammable liquids entering the system and subsequent ignition, the lack of oxygen inside the collector will cause the fire to be extinguished by **suffocation**, together with the action of the water entering through the upper grate once the **fire alarm system** has been activated.

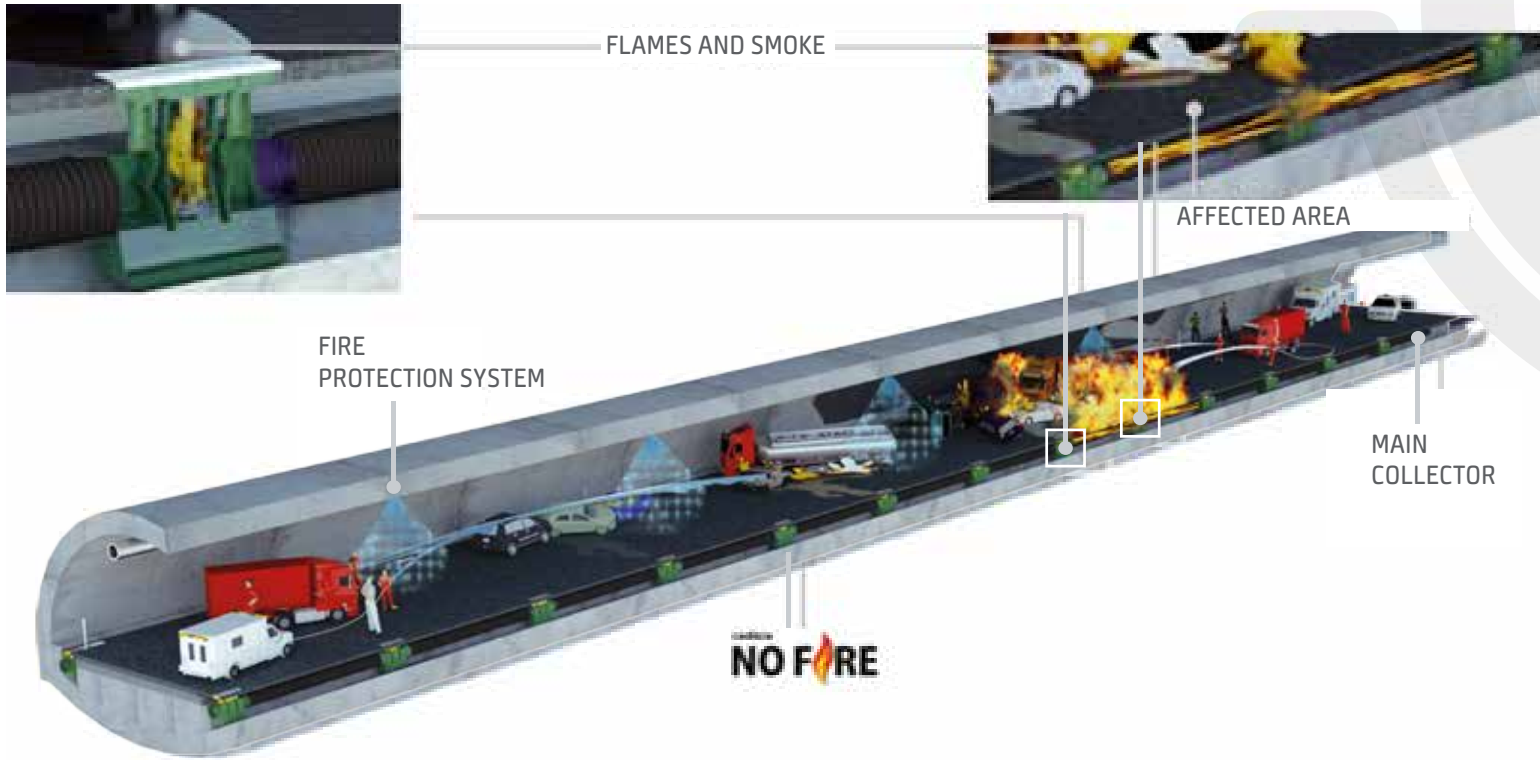
SPECIAL TUNNELS VIDEO

NO FIRE

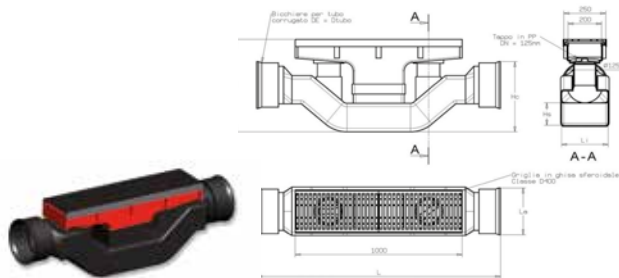
Duration: 6 min 47 sec



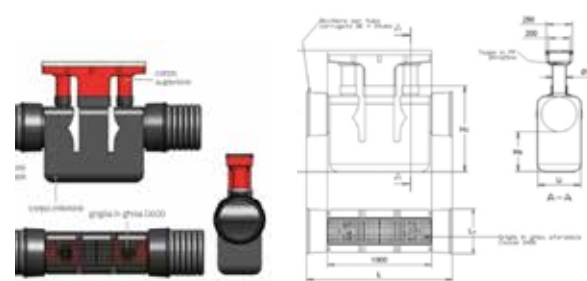
Tunnel applications



DN 250 PIPES



DN 315-400 PIPES



Ø Pipe DN	H min. mm.	H max. mm.	H C mm.	L mm.	Li mm.	HS mm.	List price €/unit
250	640	840	475	1100	215	170	1.680 €
315	860	1060	670	1126	300	305	1.960 €
400	1000	1200	852	1400	412	340	2.340 €

FLOATING SYSTEM

Floating systems are structures made up of **MAGNUM SN8** or **MEGAPIPE SN16** pipes and **CorPress jointing clamps**, with the special feature that the pipes are completely filled with a **custom-made expanded polystyrene cylinder** to ensure the buoyancy of the system.

It is a **lightweight, compact and fully sealed system**, ideal for the installation of **solar panels, pumps, platforms**, or any other type of installation requiring buoyancy.



Detail of the polystyrene filling inside the corrugated pipe

MAGNUM CORRUGATED PIPE (BUOYANCY)

Ø mm.	BUOYANT FORCE	SAFETY RATING
OD	Kg/m.	50% Kg /m.
160	19	9
200	29	14
250	46	23
315	72	36
400	112	56
500	168	84
630	267	133
800	428	214
1000	721	360
1200	1033	516

MEGAPIPE / MAGNUM floating system + CorPress system for solar panels.

WATER STORAGE SYSTEMS

Both **MEGAPIPE SN16** pipe and **MAGNUM SN8** pipe with the **CorPress jointing system** can be used for the **accumulation or temporary storage of wastewater or stormwater** in the form of **storm tanks or storage tanks**.

This application is possible thanks to the **leak-tightness** provided by the **CorPress clamps**, which are capable of operating at **low pressures** while maintaining the **leak-tightness of the system** (which would not be feasible with the traditional **elastomeric gasket jointing system**).



Tortosa storm tank project (Tarragona)

Special applications CorPress®

MAGNUM HALF-PIPE



MAGNUM HALF-PIPE SECTIONS WITH CORPRESS ANCHORING SYSTEM FOR SOLIDS CONVEYANCE

THE KIT CONSISTS OF:

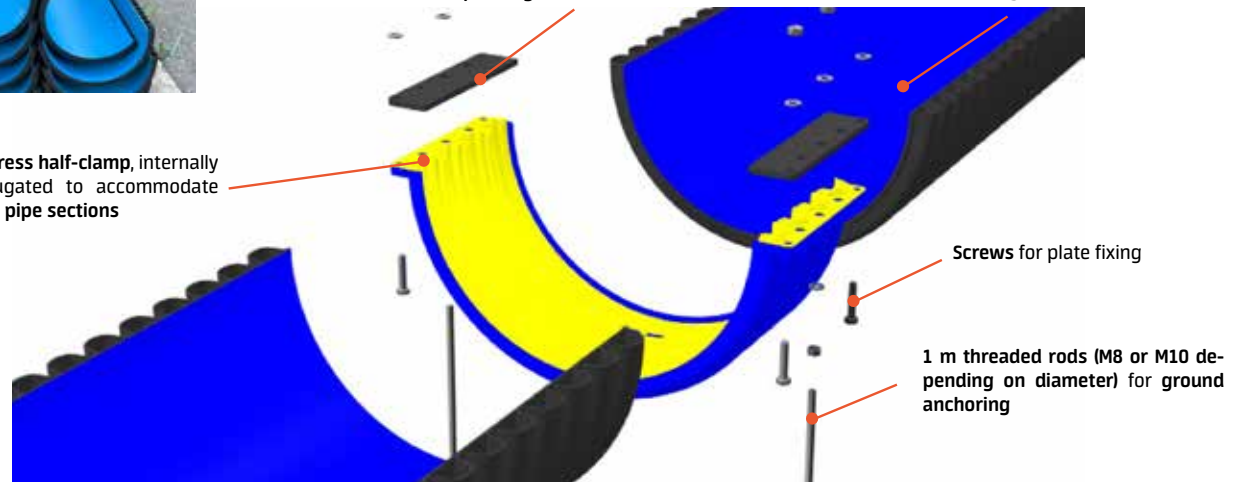
- 3 metres of half-pipe section (channel)
- 1 CorPress half-clamp for anchoring
- 2 threaded rods (1 m length) with 2 nuts (M8 or M10 depending on diameter)
- 2 PE plates for correct alignment of the pipes
- 4 screws for plate fixing

Ø mm.	BAR LENGTH	ANCHORING SYSTEM	3 m. BAR WEIGHT (HALF-PIPE)	KIT LIST
OD	m.		kg	PRICE (3 m)
315	3 m.	CorPress	7	92,00 €
400	3 m.	CorPress	11	146,00 €
500	3 m.	CorPress	16	226,00 €
630	3 m.	CorPress	22	318,00 €
800	3 m.	CorPress	34	556,00 €

CorPress half-clamp, internally corrugated to accommodate the 2 pipe sections

HDPE plate for pipe alignment, including screws (M8 or M10 depending on diameter)

1/2-round corrugated HDPE pipe sections in various diameters, in 3 m lengths



Screws for plate fixing

1 m threaded rods (M8 or M10 depending on diameter) for ground anchoring



LOG DESCENT VIDEO
Duration: 8 seconds





LARGE-DIAMETER PIPES

LARGE-DIAMETER SEWERAGE

Raw material	HIGH-DENSITY POLYETHYLENE (HDPE) Polypropylene (PP)
Wall structure	SPIRAL-WOUND DOUBLE WALL (corrugated outer wall / smooth inner wall) + inner profile
Colours	BLACK outer wall (with UV protection) BLUE inner wall
Manufacturing standard	UNE EN 13476-3 European standard ISO 21138-3 International standard DIN 19961
Ring stiffness	SN8 (> 8 kN/m ²) - SN4 (> 4 kN/m ²) - SN2 (> 2 kN/m ²)
Applications	Piping systems for buried non-pressure sewerage, stormwater and drainage.



Ø mm.		JOINTING SYSTEM	Trailer bar length	 m/trailer(s)	Container bar length	 m/container
OD	ID					
1432	1200	ELECTROFUSION / GASKET	6,15 m.	24,60 / 36,90	5,85 m.	23,40
1632	1400	ELECTROFUSION / GASKET	6,15 m.	24,60	5,85 m.	11,70
1736	1500	ELECTROFUSION / GASKET	6,15 m.	12,30	5,85 m.	11,70
1842	1600	ELECTROFUSION / GASKET	6,15 m.	12,30	5,85 m.	11,70
1946	1700	ELECTROFUSION / GASKET	6,15 m.	12,30	5,85 m.	11,70
2048	1800	ELECTROFUSION / GASKET	6,15 m.	12,30	5,85 m.	11,70
2298	2000	ELECTROFUSION / GASKET	6,15 m.	12,30	5,85 m.	11,70

LARGE-DIAMETER SEWERAGE



Integrated electrofusion system

A system consisting of a **copper wire coil** integrated into the joint socket, which is heated by means of a **welding machine** once the **spigot end** has been inserted, so that the contacting walls are **fusion welded**.



Gasket jointing system

An **elastomeric gasket** is fitted onto the spigot end of the pipe in the groove specifically designed to accommodate it. The internal surface of the socket and the gasket are then lubricated to facilitate insertion of the spigot end.

The jointing system is designed in accordance with **EN 13476**, and the gasket in accordance with **EN 681-1**.



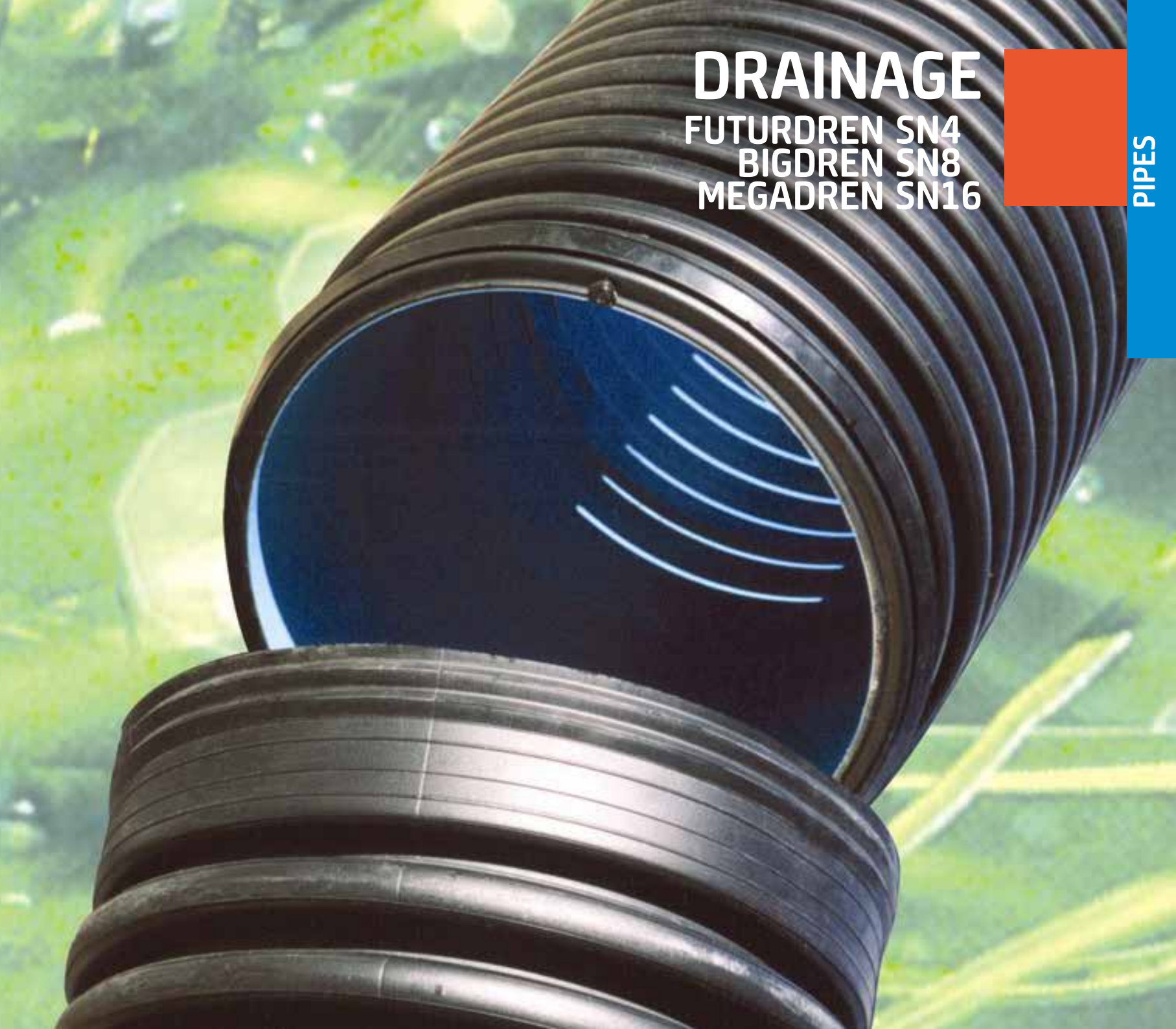
PIPES



DRAINAGE

FUTURDREN SN4
BIGDREN SN8
MEGADREN SN16

PIPES



Drainage

FUTURDREN SN4

Raw material	HIGH-DENSITY POLYETHYLENE (HDPE)
Structure	DOUBLE-WALL CORRUGATED
Colours	BLACK / BLACK
Ring stiffness	SN4 ($\geq 4\text{kN/m}^2$)
Applications	<ul style="list-style-type: none"> • Drainage in agricultural land • Drainage in sports facilities: football pitches, golf courses • Civil engineering, road and highway drainage • Retaining wall drainage • Ground drainage in buildings (foundations) • Landfill drainage (leachate collection)
Manufacturing standard	UNE 53994
Slotting	Micro-slots 120°-240°-360°



COILS (Standard slotting pattern: 6 slots, 360°)

Ø mm		CODE	Trailer			Container 40" H. Cube			
OD	ID		Coil length	No. of coils	m/trailer	Coil length	No. of coils	m/container	
63	50	MICRO-SLOTS	DD063NNR050	50 m.	240	12.000,00	50 m.	210	10.500,00
90	75		DD090NNR050	50 m.	132	6.000,00	50 m.	120	6.000,00
110	94		DD110NNR050	50 m.	96	4.800,00	50 m.	80	4.000,00
125	108		DD125NNR050	50 m.	60	3.000,00	50 m.	48	2.400,00
160	134		DD160NNR025	25 m.	80	2.000,00	25 m.	64	1.600,00
200	174		DD200NNR025	25 m.	40	1.200,00	25 m.	38	950,00

BARS (standard slotting pattern: 4 slots, 240°)

Ø mm		CODE	Trailer			Container 40" H. Cube			
OD	ID		Coil length	No. of coils	m/trailer	Coil length	No. of coils	m/container	
110	94	MICRO-SLOTS	DD110NNB006C	6,00 m.	744	5.952,00	6,00 m.	900	5.400,00
160	134		DD160NNB006C	6,00 m.	354	2.832,00	6,00 m.	450	2.700,00
200	174		DD200NNB006C	6,00 m.	210	1.680,00	6,00 m.	280	1.680,00

Drainage BIGDREN SN8

Raw material	HIGH-DENSITY POLYETHYLENE (HDPE)
Wall structure	DOUBLE WALL (corrugated outer wall / smooth inner wall)
Colours	BLACK on the outside (with UV protection) BLUE on the inside
Pre-slotting ring stiffness	SN8 ($\geq 8\text{kN/m}^2$)
Applications	<ul style="list-style-type: none"> • Groundwater abstraction from underground aquifers • Road drainage with high mechanical requirements: rural roads, roads, dual carriageways, motorways, railway lines, etc. • Retaining wall drainage • Landfill drainage for leachate collection • Biogas collection in landfills by installing the pipe vertically as a well • Drainage in mining applications
Manufacturing standards	UNE 53994 + UNE EN 13476-3
Slotting	Macro-slots 120°-240°-360° (micro-slots for DN 160 / 200)



Ø mm		Slot dimensions	Trailer			Container			
OD	ID		Bar length	m/pallet	m/trailer	Bar length	No. of bars	m/container	
160	134	MICRO-SLOTS	-	6,25 m.	368,75	2.950,00	5,85 m.	450	2.632,50
200	172		-	6,25 m.	218,75	1.750,00	5,85 m.	280	1.638,00
250	222	MACRO-SLOTS	3 X 194 mm.	6,25 m.	125,00	1.000,00	5,85 m.	176	1.029,60
315	272		3 X 237 mm.	6,25 m.	75,00	600,00	5,85 m.	120	702,00
400	347		4 X 303 mm.	6,25 m.	50,00	400,00	5,85 m.	70	409,50
500	433		4 X 378 mm.	6,25 m.	31,25	250,00	5,85 m.	44	257,40
630	546		5 X 476 mm.	6,25 m.	-	187,50	5,85 m.	30	175,50
800	693		8 X 605 mm.	6,25 m.	-	112,50	5,85 m.	16	93,60
1000	867		8 X 757 mm.	6,25 m.	-	62,50	5,85 m.	8	46,80
1200	1036		8 X 904 mm.	6,25 m.	-	50,00	5,85 m.	6	35,10
1400	1200	8 X 1093 mm.	6,25 m.	-	37,50	5,85 m.	4	23,40	

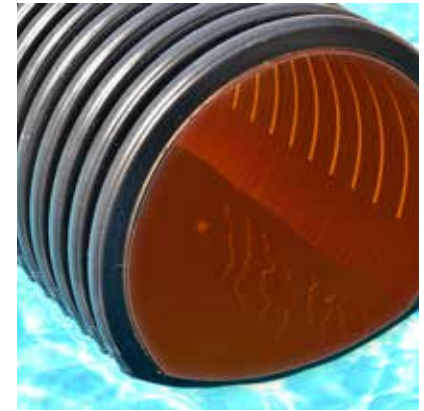
*Availability on request

Drainage

MEGADREN SN 16

Withstands high temperatures (especially for landfill applications)

Raw material	POLYPROPYLENE "ESP-PP" EXTRA FLEXURAL MODULUS
Wall structure	DOUBLE WALL (corrugated outer wall / smooth inner wall)
Colours	BLACK on the outside (with UV protection) ORANGE on the inside
Pre-slotting ring stiffness	SN16 (>16kN/m ²)
Applications	<ul style="list-style-type: none"> • Drainage of roads, highways, dual carriageways, motorways, railway lines, etc., with high mechanical requirements • Fluid drainage in leach pads (mining sector) • Groundwater abstraction from underground aquifers • Landfill drainage for leachate collection • Biogas collection in landfills by installing the pipes vertically as wells
Manufacturing standards	UNE EN 13476-3 + UNE 53994
Slotting	Macro-slots 120°-240°-360°



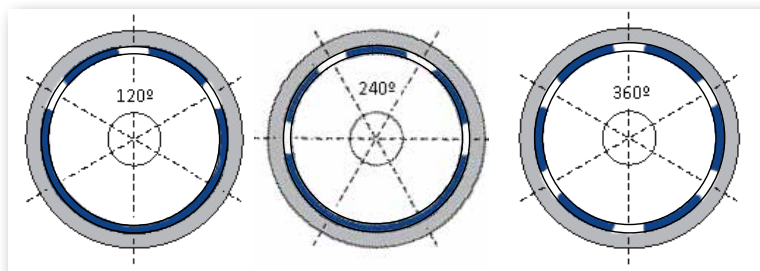
Ø mm		Macro-slot dimensions	Trailer			Container		
OD	ID		Bar length	m/pallet	m/trailer	Bar length	No. of bars	m/container
250	222	3 x 194 mm.	6,00 m.	120	960	5,85 m.	176	1.029,60
315	272	3 x 237 mm.	6,00 m.	72	576	5,85 m.	120	702,00
400	347	4 x 303 mm.	6,00 m.	48	384	5,85 m.	70	409,50
500	433	4 x 378 mm.	6,00 m.	30	240	5,85 m.	44	257,40
630	456	5 x 476 mm.	6,00 m.	-	180	5,85 m.	30	175,50
800	693	8 x 605 mm.	6,00 m.	-	108	5,85 m.	16	93,60
1000	867	8 x 757 mm.	6,00 m.	-	60	5,85 m.	8	46,80
1200	1036	8 x 904 mm.	6,00 m.	-	48	5,85 m.	6	35,10

*Available on request.

Drainage

FUTURDREN SN4 / BIGDREN SN8

PIPE SLOTTING SYSTEMS (up to \varnothing 200 mm):



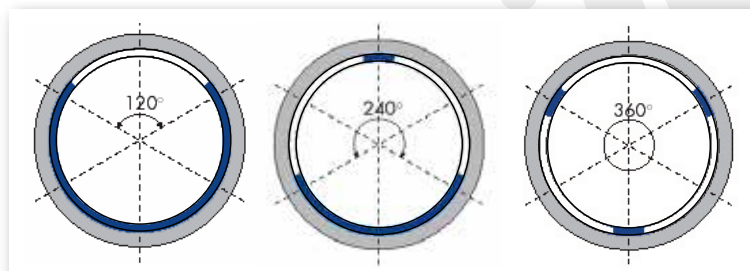
120° SLOTTING
3 MICRO-SLOTS

240° SLOTTING
4 MICRO-SLOTS

360° SLOTTING
6 MICRO-SLOTS

BIGDREN SN8 AND MEGADREN SN16

PIPE SLOTTING SYSTEMS (from \varnothing 250 mm):



120° SLOTTING
1 MACRO-SLOT

240° SLOTTING
2 MACRO-SLOTS

360° SLOTTING
3 MACRO-SLOTS

PROJECT SPECIFICATION

FUTURDREN SN4 DRAINAGE PIPE: Supply and installation of double-wall slotted High-Density Polyethylene (HDPE) pipes, type FUTURDREN SN4 (FUTURA SYSTEMS) or equivalent, for buried drainage networks, with nominal outside diameter DN/OD _____ mm and a slotting system with micro-slots distributed at _____°. Manufactured by coextrusion of two walls, with a smooth inner wall and a black corrugated outer wall. With SN4 ring stiffness (equivalent to 4 kN/m²) determined in accordance with UNE EN 9969. Including the complete jointing system (pre-installed separate coupler).

BIGDREN SN8 DRAINAGE PIPE: Supply and installation of double-wall slotted High-Density Polyethylene (HDPE) pipes, type BIGDREN SN8 (FUTURA SYSTEMS) or equivalent, for buried drainage networks, with nominal outside diameter DN/OD _____ mm and a slotting system with macro-slots distributed at _____°. Manufactured by coextrusion of two walls, with a blue smooth inner wall and a black corrugated outer wall. With pre-slotted SN8 ring stiffness (equivalent to 8 kN/m²) determined in accordance with UNE EN 9969. Bars shall include the complete jointing system (pre-installed separate coupler up to DN/OD ≤ 250 mm and in-line extruded socket for DN/OD ≥ 315 mm).

MEGADREN SN16 DRAINAGE PIPE: Supply and installation of double-wall slotted PP-HM copolymer polypropylene pipes, type MEGADREN SN16 (FUTURA SYSTEMS) or equivalent, for buried drainage networks, with nominal outside diameter DN/OD _____ mm and a slotting system with macro-slots distributed at _____°. Manufactured by coextrusion of two walls, with an orange smooth inner wall and a black corrugated outer wall. With pre-slotted SN16 ring stiffness (equivalent to 16 kN/m²) determined in accordance with UNE EN 9969. Bars shall include the complete jointing system (pre-installed separate coupler up to DN/OD ≤ 250 mm and in-line extruded socket for DN/OD ≥ 315 mm).



FUTURFLEX

PIPES



Electrical conduit



FUTURFLEX

Raw material	High-Density Polyethylene (HDPE)
Structure	Double-wall corrugated
Colours	Dark red outer / black inner
Manufacturing standard	UNE-EN 61386-1 UNE-EN 61386-2-4
Compression resistance	N SERIES 450 NEWTON / 750 NEWTON ON REQUEST
Applications	Pipe for electrical conduit systems and cable protection
Remarks	Supplied with coupling





COILS



Ø mm		 Trailer			 Container 40" H. Cube		
OD	ID	Coil length	No. of coils	m/trailer	Coil length	No. of coils	m/container
40	31	50 m.	600	30.000	50 m.	480	24.000
50	40	50 m.	400	20.000	50 m.	320	16.000
63	50	50 m.	240	12.000	50 m.	210	10.500
75	61	50 m.	160	8.000	50 m.	128	6.400
90	75	50 m.	132	6.600	50 m.	120	6.000
110	94	50 m.	96	4.800	50 m.	80	4.000
125	108	50 m.	60	3.000	50 m.	48	2.400
160	134	25 m.	80	2.000	25 m.	64	1.600
200	174	25 m.	48	1.200	25 m.	38	950

BARS



Ø mm		 Trailer			 Container 40" H. Cube		
OD	ID	Coil length	No. of coils	m/trailer	Coil length	No. of coils	m/container
*63	50	6,00 m.	1.092	17.472,00	6,00 m.	2.850	17.100,00
*90	75	6,00 m.	1.104	8.832,00	6,00 m.	1.300	7.800,00
110	94	6,00 m.	744	5.952,00	6,00 m.	900	5.400,00
125	108	6,00 m.	564	4.512,00	6,00 m.	708	4.248,00
160	134	6,00 m.	354	2.832,00	6,00 m.	450	2.700,00
200	174	6,00 m.	210	1.680,00	6,00 m.	280	1.680,00
*250	222	6,00 m.	120	960,00	6,00 m.	176	1.056,00
*315	272	6,00 m.	75	600,00	6,00 m.	120	720,00

* On request.

Electrical conduit

FUTURFLEX

COUPLINGS



OD mm	€/unit
40	0,50 €
50	0,76 €
63	0,76 €
75	1,30 €
90	1,30 €
110	1,30 €
125	1,96 €
160	2,00 €
200	3,20 €
250	6,24 €
315	14,40 €

MALE OR FEMALE PLUG



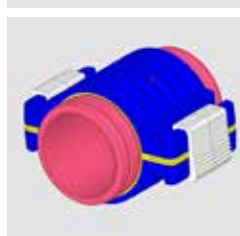
OD mm	€/unit
40	0,50 €
50	0,50 €
63	1,88 €
75	1,96 €
90	2,16 €
110	2,24 €
125	2,30 €
160	2,30 €
200	2,40 €
250	3,72 €
315	26,00 €

SPACERS (4 PIPES)



OD mm	€/unit
63	0,48 €
75	1,08 €
90	1,20 €
110	1,00 €
125	1,00 €
160	1,60 €
200	7,56 €

WATERTIGHT JOINT CorPress®



OD mm	Code	€/unit
63	KCP63	8,00 €
110	KCP110	10,00 €
160	KCP160	18,00 €
200	KCP200	22,00 €





FUTURA

MANHOLES

**POLYETHYLENE
MANHOLES**

ROCK MANHOLE

DN 1000/1200



Rock inspection manholes are manufactured from **MAGNUM HDPE corrugated pipe** in nominal diameters **DN 1000** and **DN 1200**, which forms the structure of the manhole body.

In both versions, the base consists of a **plate extrusion-welded** to the manhole body.

For **DN 1000** and **DN 1200** manholes, it is possible to include an **aluminium ladder (UNE EN 131 type)** fitted into the recess in the base of the manhole, without having to perforate the walls and compromise the **leak-tightness** of the system.

At the top of the **DN 1000** and **DN 1200** manholes, a **reducer cone to 625 mm** is installed, matching the dimensions of the standard cast iron cover.

Both chambers and manholes can be **cut to height** very accurately and easily.

Connections are made either by means of an **elastomeric clip on site**, or by **factory-welded branch connections or couplers**.

PROJECT SPECIFICATION

Inspection manhole DN _____, with a height from _____ m to _____ m. Manufactured with a Magnum-type double-wall corrugated High-Density Polyethylene (HDPE) pipe body, in accordance with EN 13476-3 (Type B), with SN 8 ring stiffness (8 kN/m²) according to ISO 9969. The base shall consist of a polyethylene plate extrusion-welded to the manhole body. At the top, a reducer cone with reduction to DN 625 mm shall be installed, matching the dimensions of the cast iron cover. Inside the manhole, a UNE EN 131 type aluminium ladder shall be provided, anchored to the manhole without perforating its walls.

ROCK MANHOLE

Blind polyethylene inspection manhole manufactured from **MAGNUM** corrugated pipe, DN 1000 and DN 1200 mm, with welded base and reducer cone.

Aluminium ladder fixed to the base (optional).

Connection prices on pages 44 and 45.



Base extrusion-welded with HDPE filler material.



EXTRUSION WELDING
VIDEO
Duration: 20 seconds

DN 1000



MANHOLE HEIGHT H		WITHOUT LADDER	WITH LADDER
COR. NO.	(mm)	€/unit	€/unit
(9)	1000	740 €	820 €
(14)	1500	820 €	940 €
(19)	2000	900 €	1.060 €
(25)	2500	980 €	1.180 €
(30)	3000	1.120 €	1.360 €
(35)	3500	1.220 €	1.500 €
(40)	4000	1.320 €	1.640 €
(45)	4500	1.420 €	1.780 €
(50)	5000	1.520 €	1.920 €
(56)	5500	1.620 €	2.060 €
(61)	6000	1.720 €	2.200 €

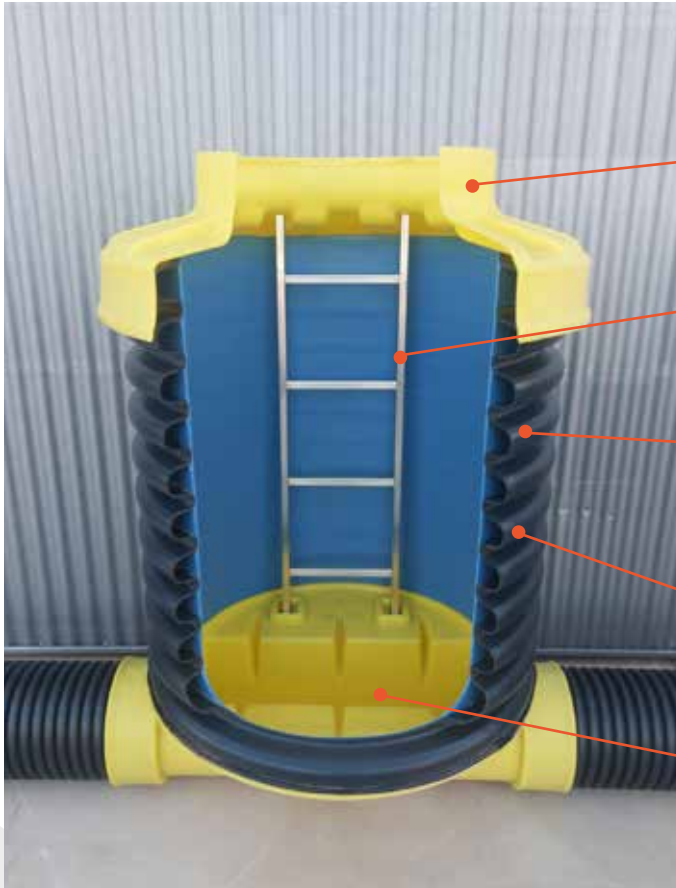
DN 1200



MANHOLE HEIGHT H		WITHOUT LADDER	WITH LADDER
COR. NO.	mm	€/unit	€/unit
(7)	1000	980 €	1.060 €
(11)	1500	1.080 €	1.200 €
(15)	2000	1.180 €	1.340 €
(19)	2500	1.280 €	1.480 €
(23)	3000	1.480 €	1.720 €
(28)	3500	1.600 €	1.880 €
(32)	4000	1.720 €	2.040 €
(36)	4500	1.840 €	2.200 €
(40)	5000	1.960 €	2.360 €
(44)	5500	2.080 €	2.520 €
(48)	6000	2.200 €	2.680 €

NON-STOP-FLOW MANHOLE

DN 1000 (WITH DN 160/200/250/315/400/630 CONNECTIONS)



REDUCER
CONE
DN 1000/630

ALUMINIUM
LADDER

DN 1000
SN8 PE BODY

EASILY CUT
TO HEIGHT

CHANNELLED
WELDED
BASE

Inspection manhole with nominal diameter DN/OD 1000 mm, featuring a channelled base that maintains continuous flow without slowdown. It consists of:

- **MAGNUM SN8 HDPE corrugated pipe body**, manufactured in accordance with UNE EN 13476-3, with nominal outside diameter DN/OD 1000 mm and variable height.
- **Watertight channelled base** welded to the manhole body.

Available in 3 versions:

- **Channelled base with DN/OD 315 mm inlet and outlet** (diameter can be reduced to DN 250/200/160/125 by fitting injection-moulded eccentric reducers)
- **Channelled base with DN/OD 400 mm inlet and outlet**
- **Channelled base with DN/OD 630 mm inlet and outlet**

The upper section consists of a DN 1000 mm cone reduced to DN 625 mm, matching the dimensions of the cast iron cover, with a total height of 330 mm. Internal aluminium ladder (UNE EN 131 type, optional), anchored to the manhole body **without the need to perforate the wall**.

PROJECT SPECIFICATION

Inspection manhole DN/OD 1000 mm, with a height from _____ m to _____ m. Manufactured with a **MAGNUM double-wall corrugated High-Density Polyethylene (HDPE) pipe body**, in accordance with EN 13476-3 (Type B), with SN 8 ring stiffness (8 kN/m²) according to ISO 9969. With an in-line channelled base structure to allow continuous flow without slowdown, welded to the manhole body. The base shall have **female inlet and outlet connections** for direct connection to **MAGNUM SN8 / MEGAPIPE SN16 pipe DN/OD _____ mm**. At the top, a reducer cone with reduction to **DN 625 mm** shall be installed, matching the dimensions of the cast iron cover. The upper part of the cone is cuttable for final height adjustment on site. Inside the manhole, a **UNE EN 131 type aluminium ladder** shall be installed, welded and anchored to the manhole **without perforating its walls**.

NON-STOP-FLOW MANHOLE



DN 1000 MANHOLE WITH DN 315/400/630 CONNECTIONS

MANHOLE HEIGHT H		WITHOUT LADDER	WITH LADDER
COR. No.	mm.	€/unit	€/unit
(5)	1000	860 €	940 €
(10)	1500	940 €	1.060 €
(15)	2000	1.020 €	1.180 €
(20)	2500	1.100 €	1.300 €
(25)	3000	1.240 €	1.480 €
(31)	3500	1.340 €	1.620 €
(36)	4000	1.440 €	1.760 €
(41)	4500	1.540 €	1.900 €
(46)	5000	1.640 €	2.040 €
(51)	5500	1.740 €	2.180 €
(56)	6000	1.840 €	2.320 €



Base extrusion-welded with HDPE filler material



EXTRUSION WELDING VIDEO

Duration: 20 seconds

EXTRA CHARGE FOR WELDED CONNECTIONS AT A DIFFERENT ANGLE MALE OR FEMALE

Ø	TYPE	€/unit
160	M/H	50 €
200	M/H	66 €
250	M/H	88 €
315	M/H	100 €
400	M/H	120 €
500	M/H	140 €
630	M/H	210 €

4-WAY MANHOLE

DN 1000 / 1200 (WITH CONNECTIONS UP TO MAX. DN 500)



REDUCER
CONE DN
1000/625

DN 1000 SN8
PIPES

DN 1000
RUBBER
GASKET

4-WAY BASE
CONNECTIONS
UP TO MAX.
DN 500

The **4-Way manhole** is a fully versatile manhole, as it incorporates **4 blind female inlets (DN 500)** which, depending on the network design, can be activated by means of a simple cut. The manhole body is a **DN 1000/1200 SN8** corrugated pipe connected to the 4-Way base by means of a sealing gasket. The diameters of the connections can be varied by means of **eccentric reducers**.

THIS SYSTEM IS IDEAL WHEN THE EXACT HEIGHT AND DIAMETER OF THE CONNECTIONS ARE NOT YET KNOWN, SINCE VARIATIONS CAN BE MADE ON SITE.

PROJECT SPECIFICATION

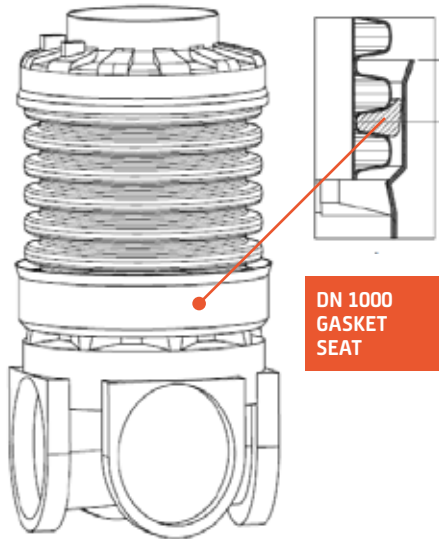
Inspection manhole DN/OD 1000/1200 mm, with a height from _____ m to _____ m. Manufactured with a **MAGNUM double-wall corrugated High-Density Polyethylene (HDPE)** pipe body, in accordance with **EN 13476-3 (Type B)**, with **SN 8 ring stiffness (8 kN/m²)** according to **ISO 9969**.

With **4-WAY model base** incorporating **4 female DN/OD 500 mm connections** distributed at **90°**, with the possibility of fitting reducers to smaller diameters.

At the top, a **reducer cone with reduction to DN 625 mm** shall be installed, matching the dimensions of the cast iron cover. The upper part of the cone is cuttable for final height adjustment on site.

Inside the manhole, a **UNE EN 131 type aluminium ladder** shall be installed, welded and anchored to the manhole **without perforating its walls**.

4-WAY MANHOLE



DN 1000
GASKET
SEAT



BASE WITH BLIND INLET



BASE WITH CUT-OPEN INLET

DN 1000



DN 1200



MANHOLE HEIGHT H		WITHOUT LADDER	WITH LADDER
COR. No.	mm.	€/unit	€/unit
(4)	1000	1.020 €	1.100 €
(9)	1500	1.100 €	1.220 €
(14)	2000	1.180 €	1.340 €
(19)	2500	1.260 €	1.460 €
(24)	3000	1.400 €	1.640 €
(30)	3500	1.500 €	1.780 €
(35)	4000	1.600 €	1.920 €
(40)	4500	1.700 €	2.060 €
(45)	5000	1.800 €	2.200 €
(50)	5500	1.900 €	2.340 €
(55)	6000	2.000 €	2.480 €

MANHOLE HEIGHT H		WITHOUT LADDER	WITH LADDER
COR. No.	mm.	€/unit	€/unit
(4)	1000	1.240 €	1.320 €
(9)	1500	1.340 €	1.460 €
(14)	2000	1.440 €	1.600 €
(19)	2500	1.540 €	1.740 €
(24)	3000	1.740 €	1.980 €
(30)	3500	1.860 €	2.140 €
(35)	4000	1.980 €	2.300 €
(40)	4500	2.100 €	2.460 €
(45)	5000	2.220 €	2.620 €
(50)	5500	2.340 €	2.780 €
(55)	6000	2.460 €	2.940 €

T-MODULES MANHOLE

DN 1200 / 1000 / (800 WITH REDUCERS) WITH STEPS



The T-MODULES system is used on site for large-diameter pipelines (DN 1000 and DN 1200 mm). In this case, instead of the main line entering the manhole, the manhole is built over the pipeline, forming a compact system that does not affect the hydraulic flow.

This inspection manhole, built over the main pipeline, is installed on a DN 1000 or DN 1200 tee.

TOTAL MANHOLE HEIGHT (incl. tee)	With DN 1000 tee
mm.	€/unit
2.000	2.620 €
2.500	3.170 €
3.000	3.720 €
3.500	4.270 €
4.000	4.820 €
4.500	5.370 €
5.000	5.920 €
5.500	6.470 €
6.000	7.020 €
EXTRA CHARGE FOR EACH DN 1000/800 REDUCER	
	360 €

TOTAL MANHOLE HEIGHT (incl. tee)	With DN 1200 tee
mm.	€/unit
2.100	3.044 €
2.600	3.594 €
3.100	4.144 €
3.600	4.694 €
4.100	5.244 €
4.600	5.794 €
5.100	6.344 €
5.600	6.894 €
6.100	7.444 €
EXTRA CHARGE FOR EACH DN 1200/800 REDUCER	
	400 €

T-PIPE MANHOLE

DN 1200 / 1000 / (800 WITH REDUCERS) WITHOUT LADDER



TOTAL MANHOLE HEIGHT (incl. tee)	With DN 1000 tee	
mm.	COR. No.	€/unit
2.000	(8)	2.310 €
2.500	(13)	2.390 €
3.000	(18)	2.470 €
3.500	(24)	2.550 €
4.000	(29)	2.630 €
4.500	(34)	2.710 €
5.000	(39)	2.790 €
5.500	(44)	2.870 €
6.000	(49)	2.950 €
EXTRA CHARGE FOR EACH DN 1000/800 REDUCER		360 €

TOTAL MANHOLE HEIGHT (incl. tee)	With DN 1200 tee	
mm.	COR. No.	€/unit
2.000	(6)	2.938 €
2.500	(11)	3.058 €
3.000	(16)	3.178 €
3.500	(21)	3.298 €
4.000	(26)	3.418 €
4.500	(31)	3.538 €
5.000	(37)	3.658 €
5.500	(42)	3.778 €
6.000	(47)	3.898 €
EXTRA CHARGE FOR EACH DN 1200/800 REDUCER		400 €

CONNECTIONS TO MANHOLES

PIPE CONNECTIONS

FACTORY-MADE



EXTRUSION-WELDED CONNECTIONS WITH PE FILLER MATERIAL

Welded connections are manufactured in the factory in accordance with the drawing on pages 48 / 49.



CONNECTION DN	MALE CORRUGATED	COUPLER FOR CORRUGATED PIPE	SMOOTH PIPE FOR PVC / PE	CORPRESS KIT (MAGNUM / MEGAPIPE ONLY)
160	50 €	50 €	80 €	68 €
200	66 €	66 €	100 €	88 €
250	88 €	88 €	140 €	124 €
315	100 €	100 €	180 €	144 €
400	120 €	120 €	240 €	188 €
500	140 €	140 €	350 €	258 €
630	210 €	210 €	500 €	360 €
800	290 €	290 €	880 €	546 €

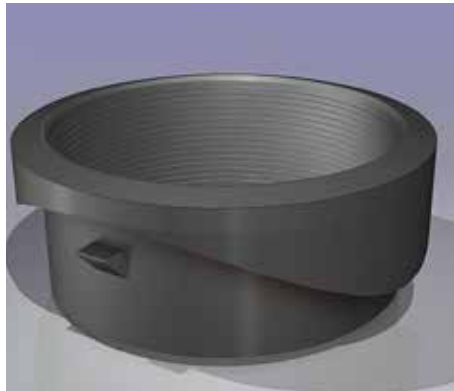
Manhole DN 1000: max. connection DN 630 mm / Manhole DN 1200: max. connection DN 800 mm

CONNECTIONS TO MANHOLES

PIPE CONNECTIONS ON SITE

ELASTOMERIC CLIP FOR SMOOTH AND CORRUGATED PIPE

NOMINAL DN	€/unit
110	18 €
160	28 €
200	38 €
250	50 €
315	58 €
400	126 €



HOLE SAW

NOMINAL DN	CUTTING DIAMETER DN	€/unit
110	127	388 €
160	177	388 €
200	208	459 €
250	263	612 €
315	320	612 €
400	412	765 €

To achieve a perfect cut and ensure optimum leak-tightness, the use of the specific hole saw is recommended.



CLIP INSTALLATION VIDEO
Duration: 32 seconds

DOMESTIC INSPECTION CHAMBER ASEPTIC WITH COVER

PREVENTS BAD ODOURS AND INSECT ESCAPE

The ASEPTIC inspection chamber system consists of a 90° tee with a set of eccentric reducers allowing connection to PE / PP / PVC pipes in DN 315 / 250 / 200 / 160 / 125 mm.

The upper surface of the chamber incorporates a transparent polycarbonate disc that allows the pipe to be inspected **without opening the chamber**. In this way, the system prevents the escape of insects and bad odours.

TOTAL HEIGHT	Ø 200	Ø 250	Ø 315
	With smooth PVC inlet and outlet / corrugated PE-PP inlet and outlet		
m	200/160/125	250/200/ 160/125	315/250/ 200/160/125
1	60 €	76 €	243 €

WATERTIGHT TRANSPARENT COVER WITH CORPRESS

Polycarbonate + CorPress	46 €	66 €	78 €



TRANSPARENT POLYCARBONATE COVER PERFECTLY LEAK-TIGHT (optional)

CORPRESS SYSTEM FOR ASSEMBLY AND DISASSEMBLY COVER (optional)

CORRUGATED BODY, CUTTABLE TO HEIGHT



Set of eccentric reducers for different connection DNS

Transparent internal polycarbonate cover



MANHOLE ACCESSORIES

REDUCER CONE DN 1000/625 - DN 1200/625

Suitable for all corrugated pipes with outside diameter 1000 and 1200 mm.



CONE TYPE	DN	€/unit
Concentric	1000 / 625	260 €
Eccentric	1200 / 625	360 €

REUSABLE FORMWORK FOR MANHOLES

Designed to fit into the DN 1000 or DN 1200 cone.



DN	€/unit
693	12,00 €

WALL SLEEVES FOR CONCRETE MANHOLES



WALL SLEEVES FOR BRICK MANHOLES



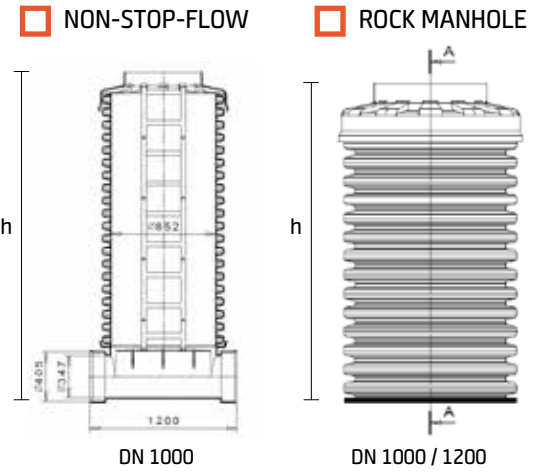
OD DN mm	SIMPLE MALE WALL SLEEVE		SIMPLE FEMALE WALL SLEEVE	
	CODE	List price €/unit	CODE	List price €/unit
160	PASAMUR160M	62,00 €	PASAMUR160H	62,00 €
200	PASAMUR200M	77,00 €	PASAMUR200H	77,00 €
250	PASAMUR250M	100,00 €	PASAMUR250H	100,00 €
315	PASAMUR315M	128,00 €	PASAMUR315H	128,00 €
400	PASAMUR400M	143,00 €	PASAMUR400H	143,00 €
500	PASAMUR500M	240,00 €	PASAMUR500H	240,00 €
630	PASAMUR630M	431,00 €	PASAMUR630H	431,00 €
800	PASAMUR800M	561,00 €	PASAMUR800H	561,00 €
1000	PASAMUR1000M	951,00 €	PASAMUR1000H	951,00 €
1200	PASAMUR1200M	1.132,00 €	PASAMUR1200H	1.132,00 €

DOUBLE WALL SLEEVE FOR BRICK MANHOLES	
CODE	List price €/unit
PASAMURD160M	120,00 €
PASAMURD200M	148,00 €
PASAMURD250M	170,00 €
PASAMURD315M	244,00 €
PASAMURD400M	262,00 €
PASAMURD500M	312,00 €
PASAMURD630M	560,00 €
PASAMURD800M	730,00 €
PASAMURD1000M	1.230,00 €
PASAMURD1200M	1.380,00 €

DESIGN TEMPLATE

NON-STOP-FLOW MANHOLE

ROCK MANHOLE



TYPE _____

LAYOUT OF INLET AND OUTLET CONNECTIONS TO THE MANHOLE				Manhole reference:		Units:		
	DN = manhole outside diameter	 mm	OPTIONAL		YES	NO	
	H = Total height from the waterline to the top of the cone	 mm	INSPECTION LADDER		<input type="checkbox"/>	<input type="checkbox"/>	
				REDUCER CONE		<input type="checkbox"/>	<input type="checkbox"/>	
WELDED CONNECTIONS		Ø (mm)	Level (mm)*	Degrees (°)	Male	Female	Corru- gated PE	Smooth PE/PVC
			0 + mm	0°	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			0 + mm		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			0 + mm		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			0 + mm		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			0 + mm		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Level (mm): level 0 is taken as the waterline height of the outlet connection.								
COMMENTS:								
CUSTOMER:				ORDER DATE:		APPROVAL - SIGNATURE AND STAMP:		
ORDER REFERENCE / PROJECT REFERENCE:				EXPECTED DELIVERY TIME:				

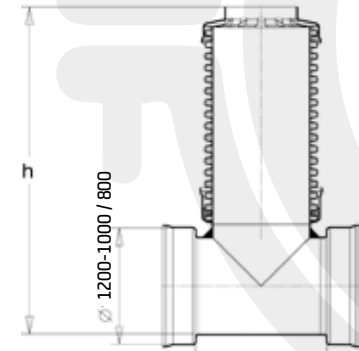
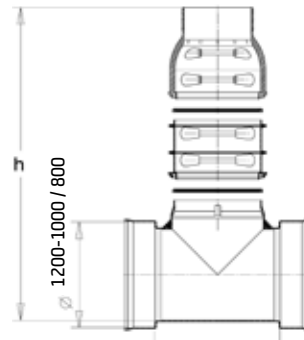
DESIGN TEMPLATE

T-MANHOLE

FOR DN (800) - 1000 - 1200 MM PIPE

T-MODULES

T-PIPE



TYPE _____

T-MANHOLE CONFIGURATION

To be completed by the customer:

Manhole reference: _____

Units: _____

DN (pipeline)	Nominal diameter of the "main pipeline"	DN 800	DN 1000	DN 1200
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

H Total height H from the water line to the top of the conemm

To be completed by Futura Systems:

	Units	H (mm)
T-MODULES		
Tee base DN 1200 mm / DN 1000 mm		
Extension H = 500 mm		
Extension H = 1000 mm		
Cone H = 650 mm		
T-PIPE		
Tee base DN 1200 mm / DN 1000 mm		
Magnum pipe DN 1000		
Cone H = 300 mm (effective 150 mm)		
Total heightmm

Manufacturing notes:

COMMENTS:

CUSTOMER:

ORDER DATE:

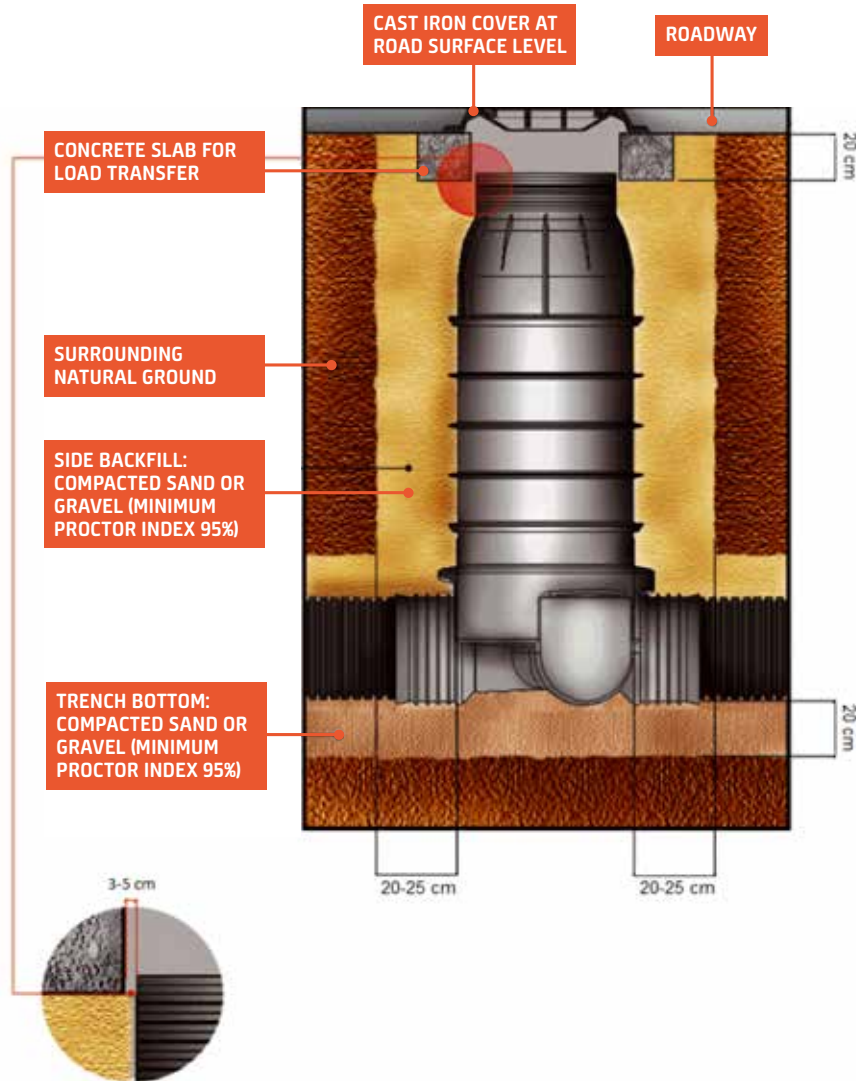
APPROVAL - SIGNATURE AND STAMP:

ORDER REFERENCE / PROJECT REFERENCE:

EXPECTED DELIVERY TIME:

POLYETHYLENE MANHOLES

INSTALLATION UNDER NORMAL CONDITIONS



INSTALLATION IN THE PRESENCE OF GROUNDWATER

In the event of groundwater being present in the manhole installation area, it is recommended to take a series of special precautions. The pressure exerted by the groundwater table may cause flotation effects, as well as irregularities in the ground surrounding the manhole. For this reason, it is recommended to fill the area around the manhole envelope with concrete up to the height reached by the groundwater level, and with gravel up to the total backfill height.

IMPORTANT:

A clearance must be ensured between the concrete slab and the manhole cone, so that the pressure exerted by dynamic loads is transmitted to the surrounding ground and not to the manhole itself.

ACCESSORIES

CORRUGATED PIPES



SERVICE CONNECTION SYSTEM

COUPLINGS / GASKETS



Ø	COUPLING CODE	COUPLING	GASKET CODE	GASKET
110	MIM110HH	3,60 €	ACJM110	0,80 €
160	MIM160HH	3,76 €	ACJM160	0,96 €
200	MIM200HH	5,28 €	ACJM200	1,31 €
250	MIM250HH	6,24 €	ACJM250	2,46 €
315	MIM315HH	14,40 €	ACJM315	3,42 €
400	MIM400HH	23,20 €	ACJM400	6,43 €
500	MIM500HH	38,00 €	ACJM500	16,66 €
630	MIM630HH	72,00 €	ACJM630	30,60 €
800	MIM800HH	380,00 €	ACJ800BIC	76,40 €
1000	MIM1000HH	406,00 €	ACJ1000BIC	104,64 €
1200	MIM1200HH	490,00 €	ACJ1200BIC	171,48 €

SN8 FLEXIBLE SERVICE CONNECTION PIPE

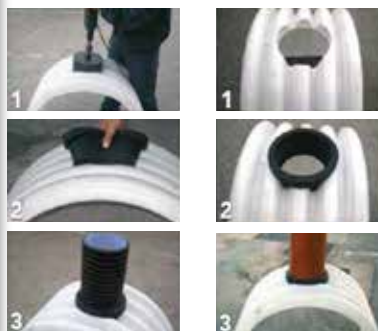


Ø mm	FLEXIBLE SERVICE CONNECTION	CODE	LIST PRICE €/UNIT
110	1 M LENGTH OF	TUBOFLEX110	11,00 €
160	FLEXICOR PIPE WITH	TUBOFLEX160	14,00 €
200	1 PRE-FITTED UNIVERSAL	TUBOFLEX200	22,00 €
250	COUPLING OR	TUBOFLEX250	32,00 €
315	CORPRESS	TUBOFLEX315	50,00 €

TUBOCOR SERVICE CONNECTION GASKET



Ø mm	FOR PIPE DN MM	CODE	LIST PRICE €/UNIT
110	250/500	JACOM110500	18,00 €
	630/1000	JACOM1101000	18,00 €
160	250/500	JACOM160500	28,00 €
	630/800	JACOM160800	28,00 €
	1000/1200	JACOM1601200	28,00 €
200	315	JACOM200315	38,00 €
	400/500	JACOM200500	38,00 €
	630/800	JACOM200800	38,00 €
	1000/1200	JACOM2001200	38,00 €
250	400/500	JACOM250500	50,00 €
	630/1200	JACOM2501200	50,00 €
315	630/1200	JACOM3151200	58,00 €
400	800/1200	JACOM4001200	126,00 €



SERVICE CONNECTION
INSTALLATION VIDEO

Ø mm	CUTTING Ø mm	HOLE SAW FOR SERVICE CONNECTION GASKET	CODE	LIST PRICE €/UNIT
110	127		BROCASACO110	388,00 €
160	177		BROCASACO160	388,00 €
200	208		BROCASACO200	459,00 €
250	263		BROCASACO250	612,00 €
315	320		BROCASACO315	612,00 €
400	412		BROCASACO400	765,00 €

CORRUGATED PIPES

FEMALE/FEMALE INJECTION-MOULDED FITTINGS

INJECTION-MOULDED BENDS 45° AND 90°



Ø	45° CODE	45°	90° CODE	90°
110	-	-	-	-
160	CI45160HH	11,04 €	CI90160HH	12,00 €
200	CI45200HH	15,36 €	CI90200HH	17,80 €
250	CI45250HH	32,80 €	CI90250HH	38,40 €
315	CI45315HH	39,60 €	CI90315HH	52,80 €
400	CI45400HH	220,80 €	CI90400HH	236,80 €
500	CI45500HH	265,60 €	CI90500HH	432,00 €
630	CI45630HH	384,00 €	CI90630HH	568,00 €

OTHER SIZES AVAILABLE AS FABRICATED ITEMS

INJECTION-MOULDED BRANCHES 45° AND 90°



Ø	45° CODE	45°	90° CODE	90°
110	YI110HHH	28,00 €	-	-
160	YI160HHH	28,16 €	TI160HHH	36,00 €
200	YI200HHH	31,20 €	TI200HHH	48,00 €
250	YI250HHH	38,80 €	TI250HHH	60,00 €
315	YI315HHH	262,40 €	TI315HHH	227,20 €
400	YI400HHH	334,80 €	TI400HHH	275,20 €
500	-	-	TI500HHH	329,60 €
630	-	-	TI630HHH	464,00 €
800	-	-	TI800HHH	1.584,00 €
1000	-	-	TI1000HHH	1.744,00 €
1200	-	-	TI1200HHH	2.160,00 €

REDUCTION POSSIBLE ON SOME BRANCHES

ECCENTRIC REDUCER

Compatible eccentric reducers.



Ø	M-F CODE	M-F	F-F CODE	F-F
160-125	RI160/125MH	10,60 €	RI160/125HH	14,74 €
200-160	RI200/160MH	12,01 €	RI200/160HH	17,07 €
250-200	RI250/200MH	19,62 €	RI250/200HH	32,82 €
315-250	RI315/250MH	28,51 €	RI315/250HH	44,35 €

OTHER SIZES AVAILABLE AS FABRICATED ITEMS

INJECTION-MOULDED CROSS

Injection-moulded and welded cross with female ends.



Ø	F-F-F-F CODE	PRICE
160	CRUZI160	52,00 €
200	CRUZI200	62,00 €
250	CRUZI250	115,20 €
315	CRUZI315	158,40 €

REDUCTION POSSIBLE ON SOME BRANCHES

STANDARD FABRICATED ACCESSORIES MALE/FEMALE

FABRICATED BENDS M/F



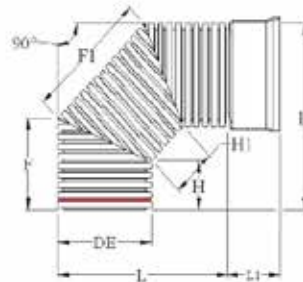
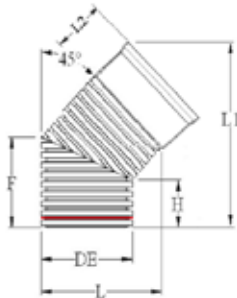
Ø	45° CODE	45°	90° CODE	90°
315	CM45315MH	74,00 €	CM90315MH	101,00 €
400	CM45400MH	152,00 €	CM90400MH	184,00 €
500	CM45500MH	238,00 €	CM90500MH	300,00 €

FABRICATED BRANCHES M/F/F

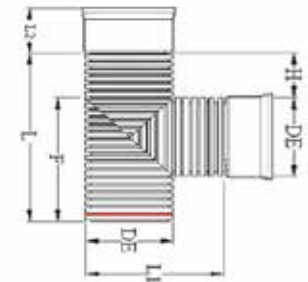
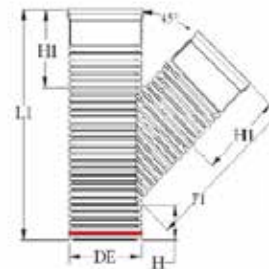


Ø	45° CODE	45°	90° CODE	90°
315	YM315MHH	202,00 €	TM315MHH	212,00 €
400	YM400MHH	288,00 €	TM400MHH	268,00 €
500	YM500MHH	400,00 €	TM500MHH	329,60 €

OTHER SIZES AVAILABLE ON REQUEST



OTHER SIZES AVAILABLE ON REQUEST



**LUBRICANT
NEUTREX FOR
EPDM GASKETS**

5 L CONTAINER.

**CODE
ACLUBRICANTE**

**€/UNIT
54,00 €**

CUSTOM FABRICATED ACCESSORIES

MALE/MALE

FABRICATED MALE/MALE BENDS



Ø	30°-45°	50°-90°
315	80,00 €	98,00 €
400	120,00 €	182,00 €
500	200,00 €	300,00 €
630	340,00 €	480,00 €
800	820,00 €	1.200,00 €
1000	1.400,00 €	1.860,00 €
1200	1.880,00 €	2.800,00 €
1400	-	-

REDUCED BRANCHES



Ø	45°	90°
200 / 160	130,00 €	98,00 €
250 / 160-200	136,00 €	123,00 €
315 / 160-250	210,00 €	161,00 €
400 / 160-315	410,00 €	396,00 €
500 / 160-400	704,00 €	663,00 €
630 / 160-500	1.117,00 €	873,00 €
800 / 160-630	1.388,00 €	1.343,00 €
1000 / 160-800	1.856,00 €	1.861,00 €
1200 / 160-1000	2.763,00 €	2.224,00 €

WATERTIGHT PLUG M / F



Ø	MALE CODE	MALE	FEMALE CODE	FEMALE
160	TM160M	64,00 €	TM160H	64,00 €
200	TM200M	74,00 €	TM200H	74,00 €
250	TM250M	84,00 €	TM250H	84,00 €
315	TM315M	160,00 €	TM315H	160,00 €
400	TM400M	190,00 €	TM400H	190,00 €
500	TM500M	260,00 €	TM500H	260,00 €
630	TM630M	570,00 €	TM630H	570,00 €
800	TM800M	800,00 €	TM800H	1.000,00 €
1000	TM1000M	1.200,00 €	TM1000H	1.264,00 €
1200	TM1200M	1.400,00 €	TM1200H	1.530,00 €

ECCENTRIC REDUCERS



Ø	MALE	FEMALE
200	SEE INJECTION-MOULDED PRICE	
250		
315		
400 / 160-315		
500 / 160-400	260,00 €	308,00 €
630 / 160-500	400,00 €	462,00 €
800 / 160-630	602,00 €	812,00 €
1000 / 160-800	1.020,00 €	1.400,00 €
1200 / 160-1000	1.160,00 €	1.800,00 €

COUPLING KIT CorPress

CorPress clamp consisting of a corrugated PP profile lined with TPE rubber.
GALVANISED STEEL bolts included.



Ø	CODE	CORPRESS KIT
110	KCP110	10,00 €
160	KCP160	18,00 €
200	KCP200	22,00 €
250	KCP250	36,00 €
315	KCP315	44,00 €
400	KCP400	68,00 €
500	KCP500	118,00 €
630	KCP630	150,00 €
800	KCP800	256,00 €
1000	KCP1000	400,00 €
1200	KCP1200	600,00 €

STUB END, BACKING RING AND GASKET

Machined HDPE stub end (backing ring and clamp not included)



Ø	STUB END	BACKING RING
110	42,00 €	25,00 €
160	68,00 €	39,00 €
200	118,00 €	60,00 €
250	164,00 €	85,00 €
315	332,00 €	122,00 €
400	932,00 €	206,00 €
500	1.680,00 €	306,00 €
630	2.454,00 €	482,00 €

WATERTIGHT PLUG WITH PE DISC OR OTHER PLASTIC MATERIAL



Watertight plug manufactured using a PE disc for insertion into the CorPress clamp with Magnum or Megapipe pipes.

Ø	CODE	CORPRESS KIT
110	TAPDISCO110	28,00 €
160	TAPDISCO160	40,00 €
200	TAPDISCO200	50,00 €
250	TAPDISCO250	68,00 €
315	TAPDISCO315	78,00 €
400	TAPDISCO400	140,00 €
500	TAPDISCO500	216,00 €
630	TAPDISCO630	280,00 €
800	TAPDISCO800	460,00 €
1000	TAPDISCO1000	680,00 €
1200	TAPDISCO1200	880,00 €

SN16 FABRICATED M/M BENDS

Fabricated M/M bend for connection with CorPress clamp.



Ø	CODE	45°	CODE	90°
160	C45PP160M	54,00 €	C90PP160M	64,00 €
200	C45PP200M	68,00 €	C90PP200M	84,00 €
250	C45PP250M	80,00 €	C90PP250M	106,00 €
315	C45PP315M	110,00 €	C90PP315M	132,00 €
400	C45PP400M	140,00 €	C90PP400M	182,00 €
500	C45PP500M	190,00 €	C90PP500M	246,00 €
630	C45PP630M	350,00 €	C90PP630M	570,00 €
800	C45PP800M	700,00 €	C90PP800M	1.160,00 €
1000	C45PP1000M	2.100,00 €	C90PP1000M	1.860,00 €
1200	C45PP1200M	2.860,00 €	C90PP1200M	3.160,00 €

WALL SLEEVES FOR MANHOLES



PRECAST CONCRETE
MANHOLE

RETAINING PLATE
WELDED TO
THE PIPE

MORTAR
LINING

A **simple male or female wall** sleeve is manufactured with a circular polyethylene plate of a larger size than the pipe itself.

The large surface area created by the **plate welded to the pipe** forms a secure barrier against any infiltration into the manhole.

The wall sleeve can be cut to suit the **thickness of the concrete manhole**.

The **double wall sleeve** is used when the **brick manhole** is built around the pipes. The distance between the welded plates is 30 cm, so that a standard brick fits between them.

The **PE plates** become embedded in the mortar lining of the brick manhole, creating a **watertight body**.

WALL SLEEVE FOR CONCRETE MANHOLES



DOUBLE WALL SLEEVE FOR BRICK MANHOLES



OD DN mm	SIMPLE MALE WALL SLEEVE		SIMPLE FEMALE WALL SLEEVE		DOUBLE WALL SLEEVE FOR BRICK MANHOLES	
	CODE	LIST PRICE €/UNIT	CODE	LIST PRICE €/UNIT	CODE	LIST PRICE €/UNIT
160	PASAMUR160M	62,00 €	PASAMUR160H	62,00 €	PASAMURD160M	120,00 €
200	PASAMUR200M	77,00 €	PASAMUR200H	77,00 €	PASAMURD200M	148,00 €
250	PASAMUR250M	100,00 €	PASAMUR250H	100,00 €	PASAMURD250M	170,00 €
315	PASAMUR315M	128,00 €	PASAMUR315H	128,00 €	PASAMURD315M	244,00 €
400	PASAMUR400M	143,00 €	PASAMUR400H	143,00 €	PASAMURD400M	262,00 €
500	PASAMUR500M	240,00 €	PASAMUR500H	240,00 €	PASAMURD500M	312,00 €
630	PASAMUR630M	431,00 €	PASAMUR630H	431,00 €	PASAMURD630M	560,00 €
800	PASAMUR800M	561,00 €	PASAMUR800H	561,00 €	PASAMURD800M	730,00 €
1000	PASAMUR1000M	951,00 €	PASAMUR1000H	951,00 €	PASAMURD1000M	1.230,00 €
1200	PASAMUR1200M	1.132,00 €	PASAMUR1200H	1.132,00 €	PASAMURD1200M	1.380,00 €

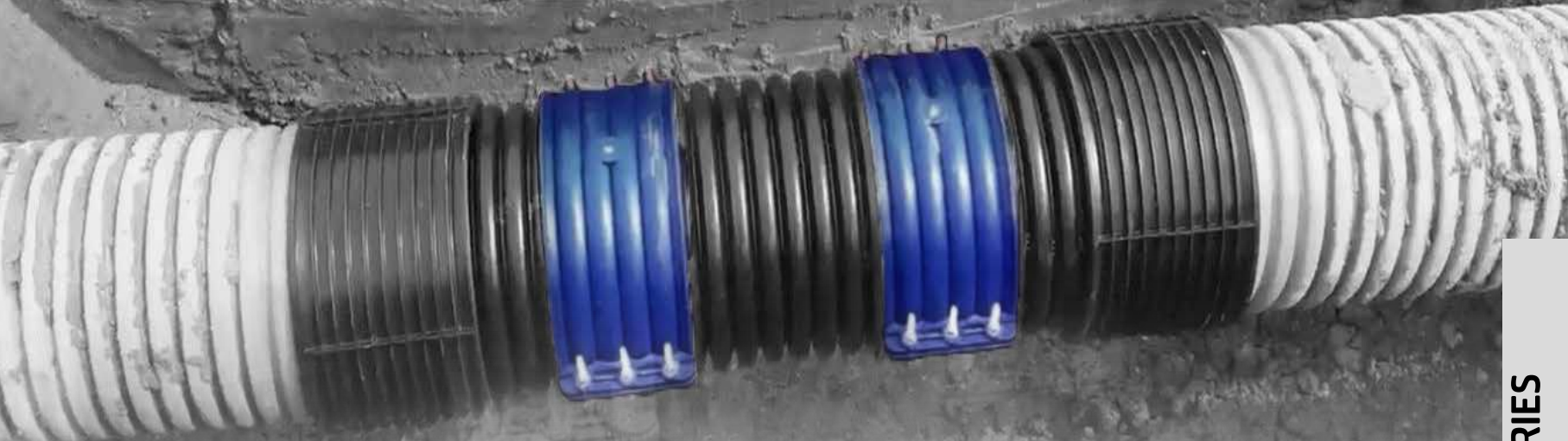
ACCESSORIES



FUTURA SYSTEMS

Special:

**Pipe
transition and repair**



SYSTEM GROUP



TRANSITION FROM SMOOTH PVC TO CORRUGATED PIPE

ECCENTRIC INTER-PASS (from the inside)

The **INTER-PASS** system is designed to connect to existing pipelines from the inside, ensuring hydraulic continuity, even when the old pipes are in very poor condition. Its exclusive design makes it possible to compensate for slight differences in internal diameters.

Thanks to its reduced thickness and its conical gasket, installation is quick and safe.

The **INTER-STOP** version prevents discharge into the trench when the pipeline is still in operation, while the **DRAINAGE VERSION** allows that flow to be diverted to more distant areas, keeping the work environment dry at all times.



INTER-PASS



INTER-STOP



INTER-STOP WITH DRAINAGE

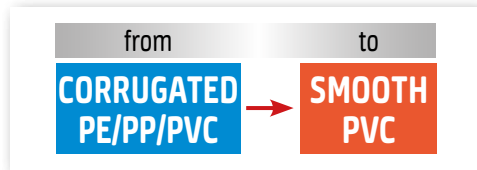
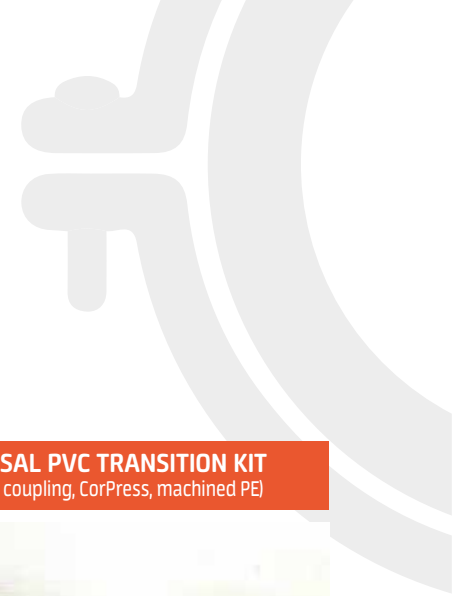
from			to
SMOOTH PVC MALE		FLOW DIRECTION	CORRUGATED PE/PP/PVC
OD mm	Int. tolerance mm		OD mm
160	147-156		160
200	186-195		200
250	233-242		250
315	295-304		315
400	375-384		400
500	474-483		500

CORRUGATED PE/PP/PVC	
CODE	LIST PRICE €/UNIT
IPASS160PVC	114,00 €
IPASS200PVC	168,00 €
IPASS250PVC	220,00 €
IPASS315PVC	404,00 €
IPASS400PVC	1.168,00 €
IPASS500PVC	1.782,00 €

CORRUGATED PE/PP/PVC	
CODE	LIST PRICE €/UNIT
ISTOP160PVC	154,00 €
ISTOP200PVC	214,00 €
ISTOP250PVC	286,00 €
ISTOP315PVC	482,00 €
ISTOP400PVC	1.308,00 €
ISTOP500PVC	1.998,00 €

CORRUGATED PE/PP/PVC	
CODE	LIST PRICE €/UNIT
ISTOPD160PVC	174,00 €
ISTOPD200PVC	234,00 €
ISTOPD250PVC	306,00 €
ISTOPD315PVC	502,00 €
ISTOPD400PVC	1.328,00 €
ISTOPD500PVC	2.018,00 €

TRANSITION FROM CORRUGATED PIPE TO SMOOTH PVC



JÚPITER CONICAL COMPENSATION GASKET



from		to	
CORRUGATED PE/PP/PVC	FLOW DIRECTION	SMOOTH PVC	MALE
OD DN mm		CODE	List price €/unit
160	CONICAL GASKET	ACJUPITER160	15,60 €
200	CONICAL GASKET	ACJUPITER200	18,20 €
250	CONICAL GASKET	ACJUPITER250	19,50 €
315	CONICAL GASKET	ACJUPITER315	20,80 €
400	CONICAL GASKET	ACJUPITER400	26,00 €
500	CONICAL GASKET	ACJUPITER500	28,60 €
630	CONICAL GASKET	ACJUPITER630	40,00 €

CORPRESS TRANSITION TO PVC

(machined PE + CorPress) only for MAGNUM / MEGAPIPE



from		to	
CORRUGATED PE/PP/PVC	FLOW DIRECTION	SMOOTH PVC	FEMALE
OD DN mm		CODE	List price €/unit
160	PE TRANSITION + CorPress	TRANSCP160	60,00 €
200	PE TRANSITION + CorPress	TRANSCP200	90,00 €
250	PE TRANSITION + CorPress	TRANSCP250	138,00 €
315	PE TRANSITION + CorPress	TRANSCP315	216,00 €
400	PE TRANSITION + CorPress	TRANSCP400	340,00 €
500	PE TRANSITION + CorPress	TRANSCP500	580,00 €

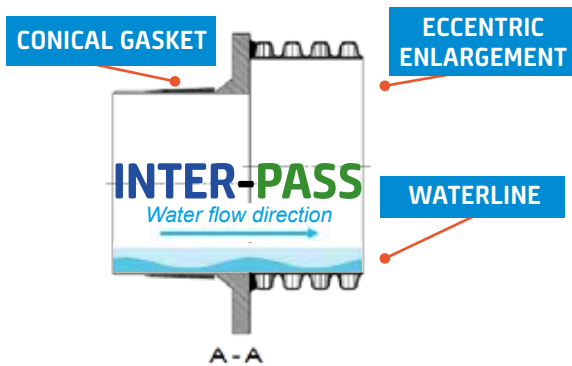
UNIVERSAL PVC TRANSITION KIT

(universal coupling, CorPress, machined PE)



from		to	
CORRUGATED PE/PP/PVC	FLOW DIRECTION	SMOOTH PVC	FEMALE
OD DN mm		CODE	List price €/unit
160	UNIVERSAL PVC TRANSITION KIT	KITTRANS160	70,00 €
200	UNIVERSAL PVC TRANSITION KIT	KITTRANS200	108,00 €
250	UNIVERSAL PVC TRANSITION KIT	KITTRANS250	162,00 €
315	UNIVERSAL PVC TRANSITION KIT	KITTRANS315	251,00 €
400	UNIVERSAL PVC TRANSITION KIT	KITTRANS400	400,00 €
500	UNIVERSAL PVC TRANSITION KIT	KITTRANS500	651,00 €

UNIVERSAL INTER-PASS TRANSITION FOR THE INSIDE OF PIPES



INTER-PASS is the first pipe transition system that works from inside existing pipelines. Thanks to its reduced thickness and conical gasket, installation is quick and safe, improving the integrity of the existing pipelines.



- FOR:**
- FIBRE CEMENT
 - CONCRETE
 - CAST IRON
 - GRP
 - STONWARE
 - Etc...



from		Flow direction	to	
EXISTING PIPE: CONCRETE / GRP / FIBRE CEMENT / CAST IRON / STONWARE			CORRUGATED OD mm	
ID (tolerance) mm			OD mm	
150	147-156	→ DIAMETER INCREASE Ø	160	200
			200	250
200	195-204	→ DIAMETER INCREASE Ø	250	315
			315	400
250	245-254	→ DIAMETER INCREASE Ø	400	500
			500	630
300	295-304	→ DIAMETER INCREASE Ø	500	630
			630	760
400	395-404	→ DIAMETER INCREASE Ø	630	760
			760	900
500	495-504	→ DIAMETER INCREASE Ø	760	900
			900	1060

INTER-PASS	
MALE OUTLET	
CODE	LIST PRICE €/UNIT
IPASS150160	114,00 €
IPASS150200	114,00 €
IPASS200200	168,00 €
IPASS200250	168,00 €
IPASS250250	220,00 €
IPASS250315	220,00 €
IPASS300315	404,00 €
IPASS300400	404,00 €
IPASS400400	1.168,00 €
IPASS400500	1.168,00 €
IPASS500500	1.782,00 €
IPASS500630	1.782,00 €

INTER-STOP	
CLOSED OUTLET	
CODE	LIST PRICE €/UNIT
ISTOP150160	154,00 €
ISTOP150200	160,00 €
ISTOP200200	214,00 €
ISTOP200250	234,00 €
ISTOP250250	286,00 €
ISTOP250315	298,00 €
ISTOP300315	482,00 €
ISTOP300400	544,00 €
ISTOP400400	1.308,00 €
ISTOP400500	1.384,00 €
ISTOP500500	1.998,00 €
ISTOP500630	2.062,00 €

INTER-STOP WITH DRAINAGE	
CLOSED OUTLET WITH 5 m DRAINAGE	
CODE	LIST PRICE €/UNIT
ISTOPD150160	174,00 €
ISTOPD150200	180,00 €
ISTOPD200200	234,00 €
ISTOPD200250	254,00 €
ISTOPD250250	306,00 €
ISTOPD250315	318,00 €
ISTOPD300315	502,00 €
ISTOPD300400	564,00 €
ISTOPD400400	1.328,00 €
ISTOPD400500	1.404,00 €
ISTOPD500500	2.018,00 €
ISTOPD500630	2.082,00 €

ACCESSORIES

INTER-PASS TRANSITION



**CAST IRON
INTERNAL DN**

**CONCRETE
INTERNAL DN**



INTER-PASS



**INTER-STOP
WITH DRAINAGE**

INTER-STOP



STONEWARE DN ID 250

INTER-PASS

CORPRESS DN 315

MEGAPIPE SN16 DN 315

The **INTER-STOP** version is used when there are live pipelines in the work area and the flow must be interrupted in order to work in dry conditions. The component is fitted with a drainage opening and includes 5 metres of pipe, allowing the flow to be diverted to another area.



**INTERPASS
INSTALLATION
VIDEO**

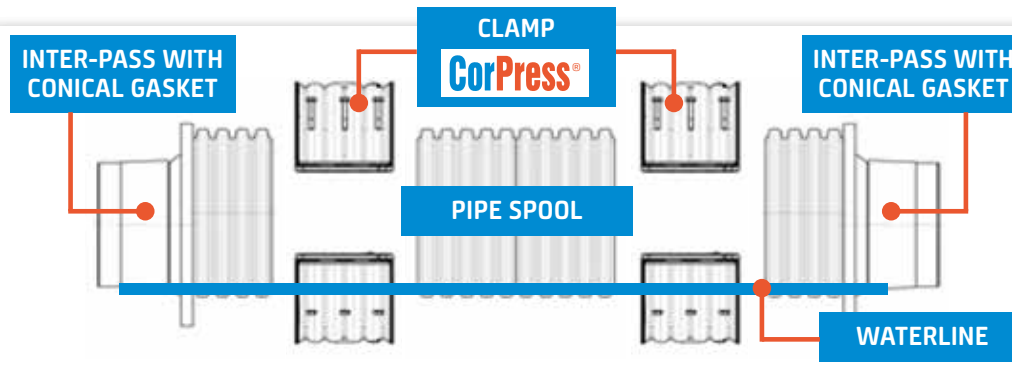
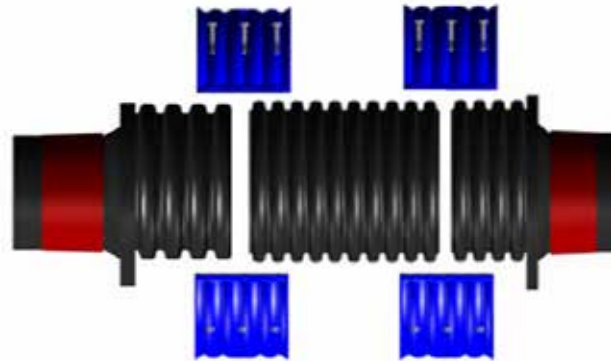
Duration: 44 s

REPAIR OF SMOOTH PVC (from the inside)

“PVC REPAIR KIT”

Internal repair of smooth PVC pipes using the INTER-PASS system ensures hydraulic continuity and avoids unexpected issues when repairing pipelines.

The eccentric transition to corrugated pipe and the CorPress clamps make it possible to carry out the repair WITHOUT LIFTING THE EXISTING PIPES.



SMOOTH PVC MALE		REPAIR KIT CODE	REPAIR KIT DN	SMOOTH PVC MALE		SMOOTH PVC REPAIR KIT LIST PRICE €/KIT
OD mm	Internal tolerance mm			Internal tolerance mm	OD mm	
160	147-156	KITREPPVC160	160	147-156	160	272,00 €
200	186-195	KITREPPVC200	200	186-195	200	408,00 €
250	233-242	KITREPPVC250	250	233-242	250	528,00 €
315	295-304	KITREPPVC315	315	295-304	315	944,00 €
400	375-384	KITREPPVC400	400	375-384	400	2.572,00 €
500	474-483	KITREPPVC500	500	474-483	500	3.864,00 €

UNIVERSAL REPAIR KIT FOR CORRUGATED PE/PP/PVC PIPES (from the outside)



REPAIR KIT
Corrugated PE | Corrugated PP | Corrugated PVC

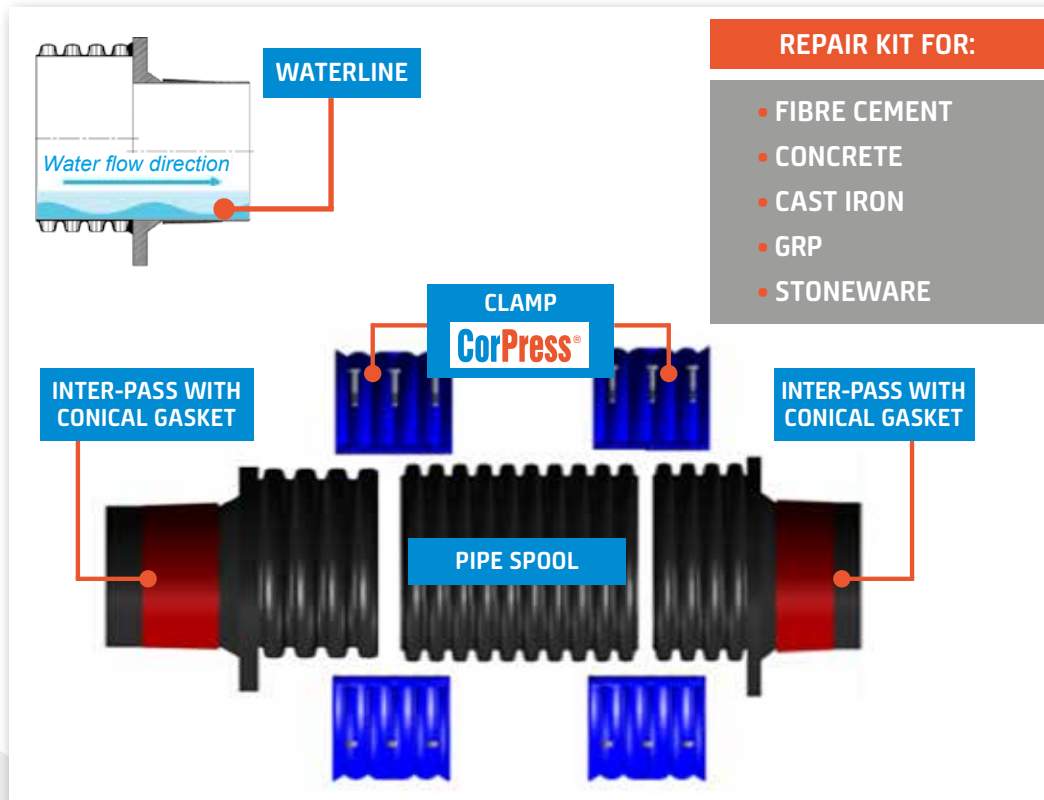


CORRUGATED PIPE TO BE REPAIRED	CODE	LIST PRICE € /KIT	PIPE REPAIR KIT (for external repair) The repair kit consists of:	
OD mm.				
160	KITREPUN160	60,00 €	2	Universal couplings (OD) with 3 / 4 corrugations pre-fitted
200	KITREPUN200	78,00 €		
250	KITREPUN250	108,00 €	1	Section of compatible corrugated pipe, 40-60 cm long (depending on diameter)
315	KITREPUN315	168,00 €		
400	KITREPUN400	234,00 €	2	CorPress clamps with bolts
500	KITREPUN500	405,00 €		
630	KITREPUN630	580,00 €		
800	KITREPUN800	1.412,00 €		
1000	KITREPUN1000	1.986,00 €		
1200	KITREPUN1200	2.722,00 €		

IMPORTANT: The gasket must be the original gasket of the pipes to be repaired and is not included in the kit.

REPAIR OF DIFFERENT MATERIALS (from the inside)

“UNIVERSAL REPAIR KIT”



EXISTING PIPE CONCRETE / GRP / FIBRE CEMENT / CAST IRON / STONWARE		REPAIR KIT CODE	TOTAL REPAIR KIT	EXISTING PIPE CONCRETE / GRP / FIBRE CEMENT / CAST IRON / STONWARE		TOTAL PRICE OF REPAIR KIT
ID mm	Internal tolerance mm			Internal tolerance mm	ID mm	
150	147-156	KITREPINT150	OD 200 mm (outside)	147-156	150	272,00 €
200	195-204	KITREPINT200	OD 250 mm (outside)	195-204	200	408,00 €
250	245-254	KITREPINT250	OD 315 mm (outside)	245-254	250	528,00 €
300	295-304	KITREPINT300	OD 400 mm (outside)	295-304	300	944,00 €
400	395-404	KITREPINT400	OD 500 mm (outside)	395-404	400	2.572,00 €
500	495-504	KITREPINT500	OD 630 mm (outside)	495-504	500	3.864,00 €

UNIVERSAL FLANGED KIT



The UNIVERSAL FLANGED KIT is the only jointing system on the market that allows a corrugated pipe to be connected without welding to a PE100 stub end (machined).

The kit is fitted with a universal coupling that allows connection to any standardised corrugated pipe.



FLANGED KIT	CODE	LIST PRICE €/KIT	FLANGED KIT CONSISTS OF:	
DN mm				
110	KITBRIDA110	83 €	1	Universal coupling (OD)
160	KITBRIDA160	134 €	1	Pre-fitted gasket
200	KITBRIDA200	212 €	1	Pre-assembled pipe section (40-60 cm)
250	KITBRIDA250	300 €	1	Pre-assembled CorPress kit
315	KITBRIDA315	524 €	1	Machined stub end
400	KITBRIDA400	1.245 €	1	Pre-assembled loose backing ring
500	KITBRIDA500	2.172 €		IMPORTANT Check flange type: PN10 / PN16.
630	KITBRIDA630	3.208 €		



FUTURA SYSTEMS

Futura Systems S.L.
proyectos@futura-systems.com
T. (+34) 977 628 180
(+34) 601 99 39 41

Ctra. de Valls C-51 km 22 - 43812 Rodonyà
(Tarragona) SPAIN

www.futura-systems.com



**CORPORATE
VIDEO**



WEBSITE



SYSTEM GROUP