

IN-HOUSE SYSTEMS



In-house systems for heating, water supply,
sewerage, and wastewater treatment.

PIPELIFE 
always part of your life

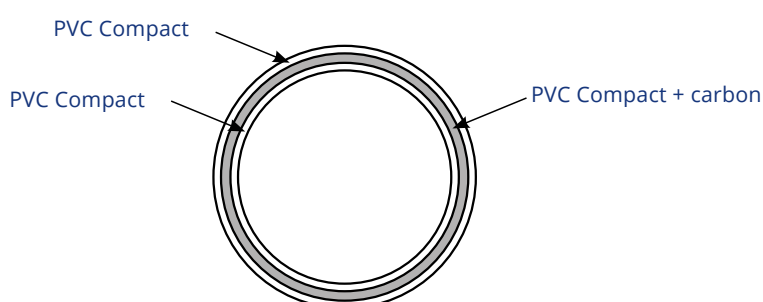


SOLID PIPE

A new generation of triple layer dense PVC-U pipe reinforced with carbon fiber

A new generation of PVC pipes for professionals!

The increased shock resistance is due to the triple-layer structure of the walls. SolidPipe has three layers but unlike the other pipes that are commonly sold on the market its middle layer IS NOT made of PVC foam but is DENSE. The pipes are extruded using a special technology developed in Austria, and are enhanced with carbon fibers.



SOLID PIPE



Nomenclature					
Diameter (ø)	Wall thickness (mm)	Socket and spigot	EPDM sealing	Length (m)	Ring stiffness (SN)
32	1.8	yes	yes	0.5	>8
32	1.8	yes	yes	1	>8
32	1.8	yes	yes	2	>8
40	1.8	yes	yes	0.5	>8
40	1.8	yes	yes	1	>8
40	1.8	yes	yes	2	>8
50	1.5	no	no	2	>8
50	1.5	no	no	4	>8
110	1.8	yes	yes	1	>2.5
110	1.8	yes	yes	2	>2.5
110	1.8	yes	yes	4	>2.5
110	2.4	yes	yes	5	>4
160	2.6	yes	yes	5	>2.5
160	3.3	yes	yes	5	>4



MASTER 3 PLUS

Low noise soil system

The Pipelife MASTER 3 PLUS soil pipe comprises three carefully matched layers. It is designed and manufactured to address the soil pipe system challenges encountered in today's residential and industrial construction projects.

The smooth internal layer

It is made of polypropylene copolymer (PP-CO).

Breaking of the water stream is not allowed – hence less noise is created.

Reflective white top-coating for easier inspection with camera.
High flow rate.

The solid middle layer

It is made of mineral-reinforced polypropylene (PP-MV).

Excellent rigidity.

Good sound absorption.

High dimensional stability.

The impact-resistant outer layer

It is made of polypropylene copolymer (PP-CO).

Exceptionally robust.

No socket bursts.

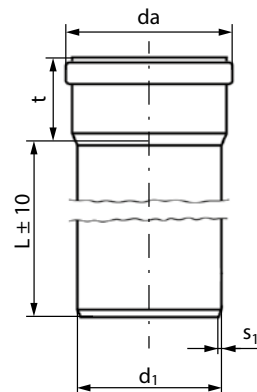
Installation, transportation and on-site handling possible at low temperatures. ❄️

Dimensions

DN	32	40	50	70	100	125	150
d1	32	40	50	75	110	125	160
s1	1,8	1,8	1,8	2,1	3,0	3,5	4,4
da	43,0	54,2	64,2	89,4	127,8	145,5	183,9
t=	55	55	56	61	76	82	100

The combination of the specific features provided by the three layers of MASTER 3 ensure the complex system performance:

- High ring stiffness class
- Very good conductivity due to the exceptional smoothness of the internal layer
- Perfect sound insulation
- High impact resistance
- Wear resistance and long service life



Sound level of the installation $L_{A\text{Feq},nT}$ [dB(A)] for MASTER 3 PLUS in "back side of the basement" measured according to VDI4100 in Fraunhofer Institute, test reports No P-BA90/2018 and P-BA91/2018.

MASTER 3 PLUS with Bismat 1000 pipe clamps				
Flow rate by volume (L/sec)	0.5	1.0	2.0	4.0
Measured value $L_{A\text{Feq},nT}$ [dB(A)]	<10	<10	11	15

MASTER 3 PLUS with Bismat 2000 steel pipe clamps and rubber pad				
Flow rate by volume (L/sec)	0.5	1.0	2.0	4.0
Measured value $L_{A\text{Feq},nT}$ [dB(A)]	<10	11	15	19

MASTER 3 PLUS with buckle plastic pipe clamps				
Flow rate by volume (L/sec)	0.5	1.0	2.0	4.0
Measured value $L_{A\text{Feq},nT}$ [dB(A)]	-	12	17	21



FLUSH AND FLOW

In-wall flush toilet tank system

Pipelife's product range of in-wall flush toilet tank systems Flush & Flow offers the optimal combination of both economic and silent toilet bowl washing out. Building the flush system into the bathroom wall and the wide variety of external panels can make our system naturally compatible with the bathroom interior design of your choice. It is the perfect solution for all your needs.





Glass fiber PPR pipes

The same advantages as the ones that polypropylene pipes with aluminum foil have can be achieved using the latest technology for glass fiber pipes, in which internal layer of glass fibers is provided in the stead of aluminum foil. Another very important extra advantage of the glass fiber pipes is that the need to peel off the aluminum foil with a blade for welding is eliminated.

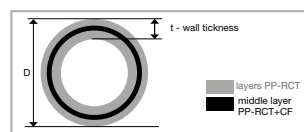


SILVERLINE

In-house PP-R system for hot and cold water supply

Pipelife is a manufacturer of polypropylene pipes and fittings (made of PP-R) for hot and cold water supply which meet the requirements of EN ISO 15874. The product range also includes PP-RCT (PP-R Beta) reinforced formula pipes and pipes with glass fiber and carbon reinforced internal layer.

3-layered pipe with carbon fibers CARBO^{CRP}



GB-PPR pipe PN16



GKD-Elbow adapter



GD PM-Elbow with cap nut 90PM



GN DG- Metal reducer with cap nut



GT-T-fitting with brass male thread



GK-Threaded cap



GKV- Shut-off ball tap with relief valve - left



GB-PPR pipe PN20



GKD-Elbow adapter 45°



GD BJ-Elbow with cap nut 90BJ



GR-Union



GT-T-fitting with cap nut PM



GK- Cap with rubber sealing



GKV- Shut-off ball tap with relief valve - right



GK- Crossover



GB- Wall-mounted elbow



GR- Reducer



GN- PP Union with brass female thread



GT- T-fitting with cap nut BJ



GK- Blinding internal



GV- Shut-off straight tap



Loop compensator



GDK- Elbow adapter with female thread



GN- reducing sleeve with brass female thread



GN- PP Union with brass male thread



GI- Cross fitting



GKB- Blinding internal



GV- Shut-off straight tap - chrome/ luxury



GD- Bend



GDK- Elbow with brass female thread



GN- Reducing sleeve with brass male thread



GT-T-fitting



GM- Socket union



GK- Clamps



GVR/GVL- Shut-off straight tap with right/left relief valve



GD- Elbow



GD- Elbow with brass male thread



GDG- Reducing sleeve with brass female thread



GT- Reducing T-fitting



GM-G Reducing socket union



GKD- Dual clamps



GGV- Shut-off tap - chrome



GT- T-elbow



GB- T-fitting /wall-mounted



GDG- Reducing sleeve with brass male thread



GT- T-fitting with brass female thread



GKB- Cap union



GKV- Shut-off ball tap



GC- Welding tool set

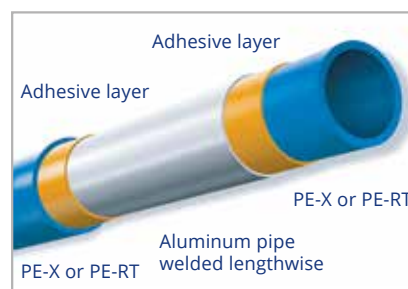


RADOPRESS

Drinking and hot water distribution, central and underfloor heating

10 years warranty!

PERT-AI-PERT Radopress pipes are manufactured to function at 80°C operating temperature continuously at 10 bar pressure! It's what makes them the most reliable plastic pipes for water supply and heating.



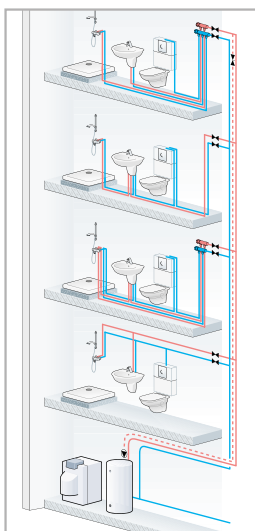
Pipelife provides 10 years warranty for the quality of all the components of Radopress system!

For each project Pipelife shall issue a Warranty Certificate covering the possible damages that may result from any leaks and defects in the system!

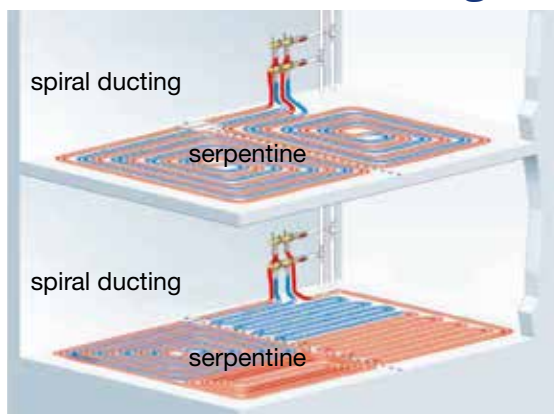
Flexibility

The greatest advantage of Radopress pipes is their flexibility, which allows bending without using any fittings such as elbow or bend. This helps for fast installation, less head loss and considerably lower number of fittings in the piping network, which in its turn ensures better reliability and security of the system.

Radopress Water Supply Pipework



Radopress Underfloor Heating

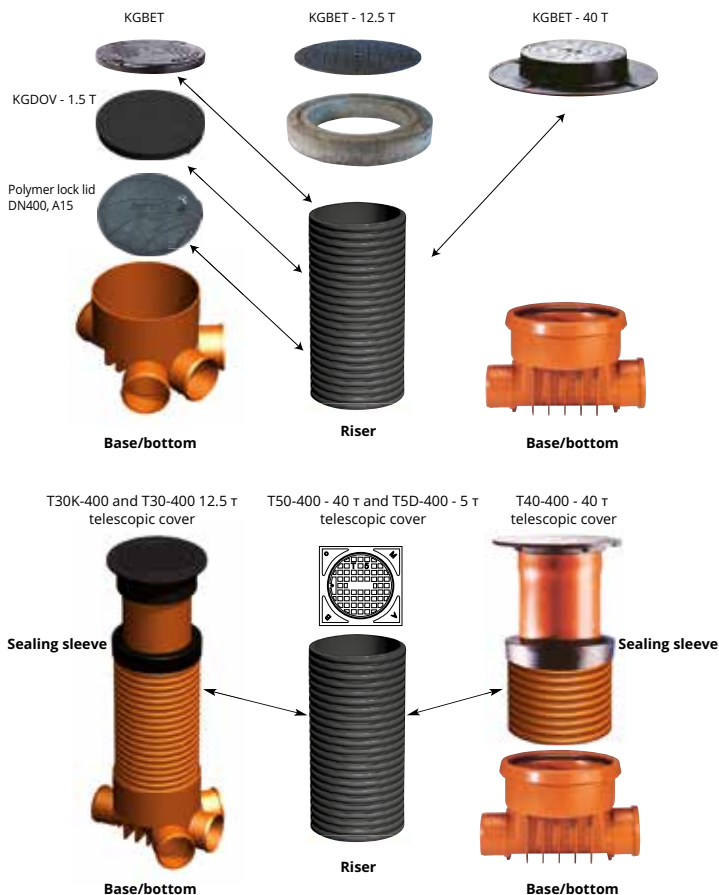


PRAKTO

Manholes for sewer systems

PRAKTO KLAP

Inspection chamber with built-in reverse valve



Benefits of plastic chambers:

- “LEGO” type functional construction. Coupling- equipped inlets and outlets with sealing rings
- Guaranteed high chemical resistance, abrasive resistance, and mechanical strength of the product as a whole
- Easy attainment of the designed height by means of a riser pipe and telescopic cover
- Depending on the surface conditions and loading, the chambers can be coupled with different covers-plastic, cast iron or telescopic with the respective bearing load from 5 t to 40 t
- Profitable from economic point of view in terms of • Transport • Storage • Installation • Service

Material	PP - Polypropylene, PVC-U
Color	Orange
Type	ST (straight), RML (collector)
Inlet/outlet diameter	110, 125, 160, 200, 250, 315, 400
Base diameter	DN 200, 315 (PVC) DN 315, 400 (PP-b)
Conforming to Standard	EN 476, EN13598

FATBOX

Grease separator

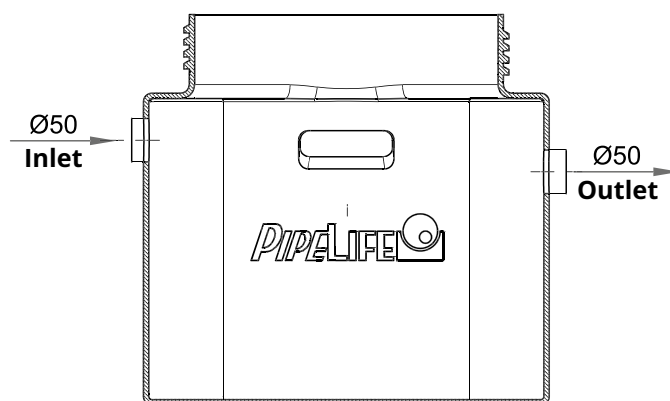
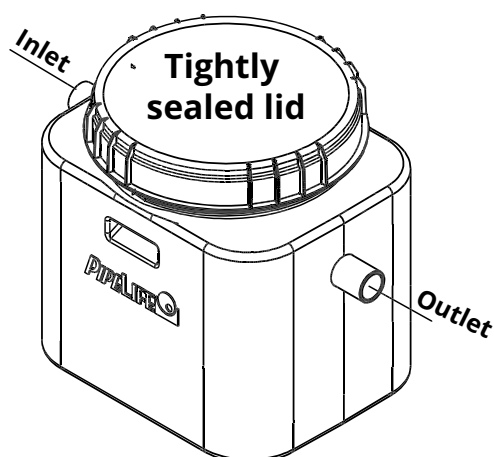


Grease separators are intended to separate and retain fats of animal origin and vegetable oils. When such fats and oils penetrate the sewer system they form sticky residues on the pipe walls, eventually leading to their clogging. Fatbox NEO is designed for under the sink mounting for ease of installation and service.



Grease separators can be mounted under sinks, dishwashers and other appliances used in the food industry, before their debouchment to the sewer system, in order to prevent:

- clogging/blocking with fats
- formation of corrosive fatty acids
- bad odors





C-PRESS

Hot and cold water distribution system

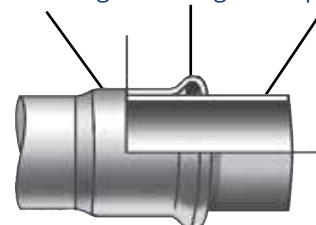
Pipelife C-Press System is a professional system for pressing metal fittings that is easily mountable using reliable and integral press unions intended for heating and cooling piping systems in residential and industrial buildings.

The available diameters vary from 15 mm to 108 mm. All sizes are manufactured using a special O-ring which has the function "flow out before pressing" and the diameters from 15 mm to 108 mm are equipped with a press indicator.

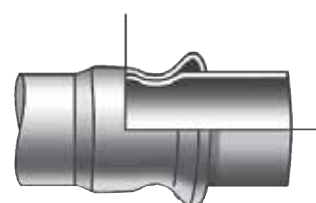
Advantages of the C-Press System:

- Easy, fast and secure assembling
- Reliable and durable sealing between the pipe and the fitting
- The function called "flow out before pressing" for the diameters ranging from 15 mm to 108 mm
- Red-light press indicator (foil) for the diameters ranging from 15 mm to 54 mm
- Corrosion resistance
- No risk of fire during installation

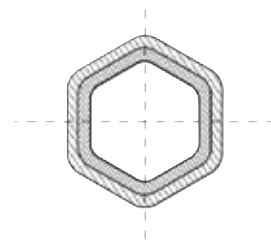
Press-fitting O-ring pipe



before pressing



after pressing



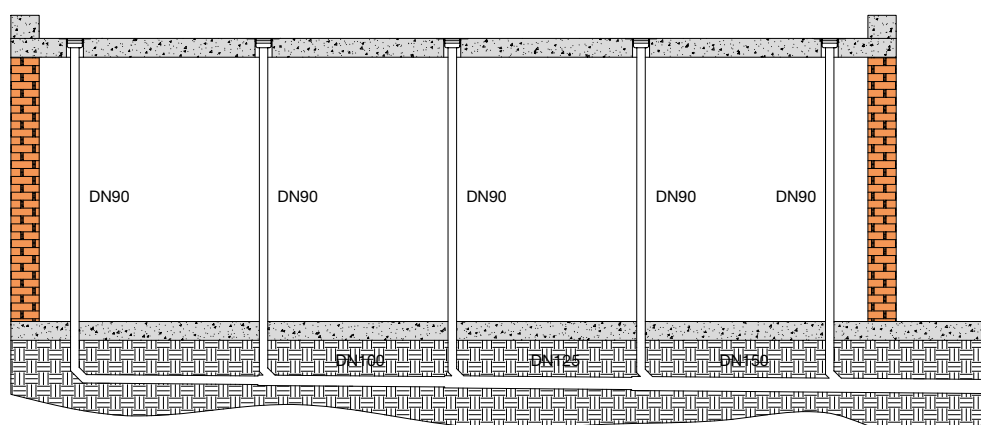
Cross section view from
Ø15 to Ø 35 mm



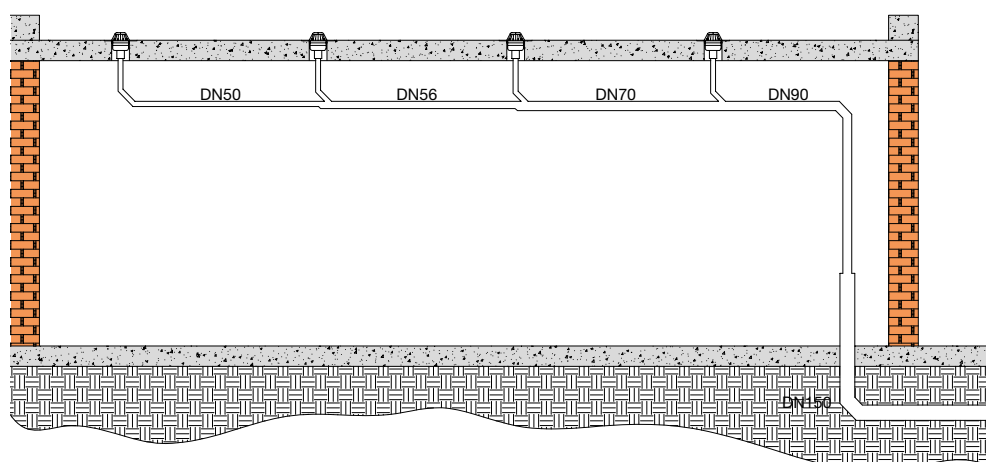
Pipelife's system for vacuum drainage is a comprehensive solution for draining flat design surface areas. We offer thorough engineering design and dimensional scaling to meet the specific needs coupled with high-quality components (such as pipes, fittings and funnels) that ensure trouble-free operation and water-tightness. Our team of highly-qualified engineers have an innovative approach to details that saves room inside the building interior thus allowing for better architectural solutions.

PIPELIFE STREAMLINE

Vacuum drainage system



Roof-top gravity sewer system



Roof-top vacuum sewer system



WM-25/400-A15



A version of a water meter chamber with insulated PP cover. Suitable for installation in lawns.

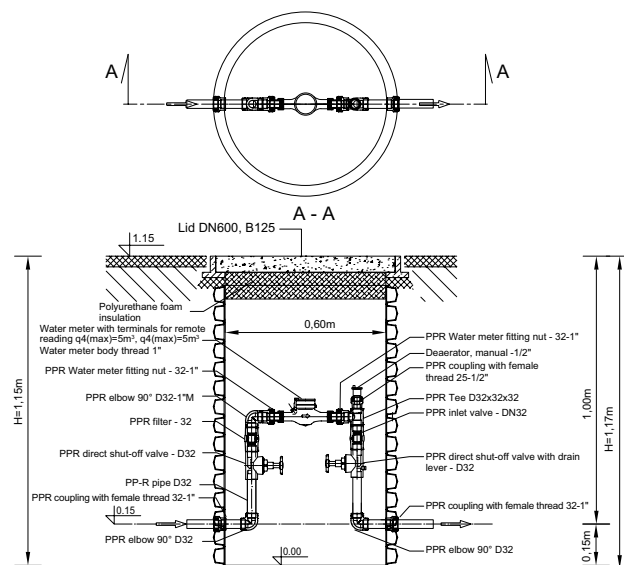
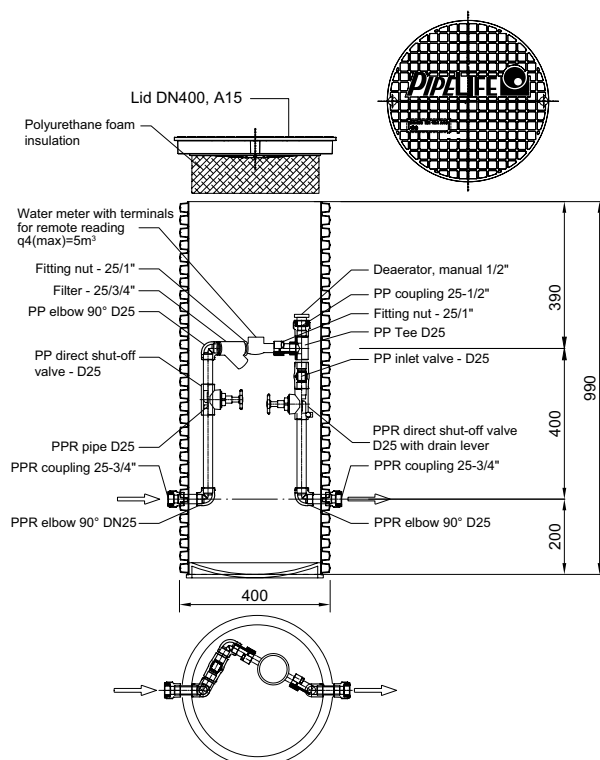
PRO-WM

Polypropylene water meter chambers

Pipeline's water meter chamber PRO-WM is a high-quality product containing a water-meter assembly that conforms to the requirements of REGULATION No 4 of 17 June 2005, Art.29 (par.1, 2, 3, 4 and 5) with water meter Q – 5.0 m³

Advantages of the PRO-WM structure:

- With or without floor; the use of a floor prevents the penetration of ground water
- With automatic or manual deaerator; the use of an automatic deaerator will do away with any manual operations to let the air out when filling the system
- Optional customer-choice of a water meter
- DN600 body option
- Easy access to the water meter
- Easy mounting and dismantling of the water meter
- The only dismantlable component is the water meter itself
- Lockable or non-lockable cover



!!! The water meter chamber was approved by a lot of inspection bodies that operate the national water supply piping networks and meets the requirements for inspection, operation and maintenance.



FIXLIFE

Flexible rubber fittings

Advantages:

- Fast joining without adhesive
- Easy connection of PVC fittings to PE, PP, stainless steel, cast iron, concrete, etc.
- No vibrations
- Can be mounted at low temperatures, below 0°C
- Easy disassembly and reuse
- Easy emergency repair of the pipes
- For non-coaxial connections
- Wide range of products
- Operating temperatures, from -30°C to +80°C





RADOFLEX

Flexible connections

The flexible connections are used for joining water heaters, toilet bowls and tanks and other permanent and temporary units and are made of Pert-Al-Pert pipe Type II and factory pressed union nuts Ø16x1/2". The Pert-Al-Pert pipe of Radopress series provides the highest reliability at the specified operating conditions, and that combined with the Radopress union nuts ensures water tightness for extraordinary long period with no risk of any cracking, leaks or failures.

Advantages:

- Perfect for insulating electric water heater from the piping network
- Long service life of minimum 50 years
- No risk of leaks or sudden burst that may cause flooding
- Better endurance at high temperatures and pressures as compared to rubber hoses
- Larger internal diameter of the pipes as compared to rubber hoses, leading to lesser head loss and higher water flow rate at the faucet outlets
- Better balance in the hydraulic installation, for instance, if the sink tap is opened while the shower is in use, there will be less head loss in the shower than it would be if standard rubber hoses were used for the connections.



Operating conditions:

- 25 bar pressure at 20°C
- 10 bar pressure at 80°C



PROTEKTOR

Protective pipe with integrated insulation layer

Advantages:

- The pipes do not touch the concrete or other structural elements
- The pipe can move, if necessary
- Option for proper binding using a socket with rubber sealing
- Possibility for maximum close joining to the concrete
- Possibility to make minor corrections, if needed
- No insects are allowed
- No gases or vapors can sneak alongside of the pipe
- Strong and reliable fixing of the casing pipe to the concrete structural elements
- The pipes are protected against damages and breaks during the pouring of concrete
- Wide scope of application
- Saves time
- Convenient and easy use



Note: The shown images may not exactly correspond to the actual products.

■ Production Plant /Central Warehouse
Botevgrad 2140, POB 65
3, Industrialna Street
e-mail: office.bg@pipelife.com
www.pipelife.bg

PIPELIFE 
always part of your life