

# INFRASTRUCTURE SYSTEMS

The customer – that's what matters for Pipelife! Our products are manufactured using the best quality raw materials under constant supervision and uncompromising control of every parameter. They are carefully packed and transported to the destination indicated by the customer.

**PIPELIFE**   
always part of your life



# PRO

## Polypropylene manholes – 100 years of service life

Pipelife manholes are the most reliable plastic manholes available on the market.



**OD400**



**ID600**



**DN800**



**DN1000**

Diameter of the base	Outlet	1 inlet	2 inlets	3 inlets
<b>OD400</b>	110, 160, 200	110, 160, 200	-	110, 160, 200
<b>ID600</b>	160, 200, 250, 315, 400	160, 200, 250, 315, 400	160, 200, 250, 315	160, 200, 250, 315
<b>DN800</b>	160, 200, 250, 315, 400, 500	160, 200, 250, 315, 400, 500	160, 200, 250, 315, 400, 500	160, 200, 250, 315, 400
<b>DN1000</b>	160, 200, 250, 315, 400, 500, 600	160, 200, 250, 315, 400, 500, 600	160, 200, 250, 315, 400, 500, 600	160, 200, 250, 315, 400, 500

# PRAGMA®

## Polypropylene sewerage system – 100 years of service life

Infrastructure sewerage system of polypropylene pipes and fittings with guaranteed 100 years of service life.



Nominal diameter DN		Pipe external diameter Dext	Pipe internal diameter Din	Pipe length (socket excluded)*	Length of socket	Internal diameter of the socket Dint. socket	Product cod	Ring stiffness
[mm]		[mm]	[mm]	[m]	[mm]	[mm]	-	
DN/OD	160	160	139,0	6	94	160,5	PRAGMA160/6	SN ≥ 10 kN/m <sup>2</sup> SN ≥ 12 kN/m <sup>2</sup> SN ≥ 16 kN/m <sup>2</sup>
DN/OD	200	200	176,0	6	113	201,9	PRAGMA200/6	
DN/OD	250	250	221,3	6	129	252,4	PRAGMA250/6	
DN/OD	315	315	277,4	6	148	318,0	PRAGMA315/6	
DN/OD	400	400	350,0	6	158	403,7	PRAGMA400/6	
DN/ID	500	560	498,0	6	246	574,8	PRAGMA500+ID/6	
DN/ID	600	660** 685,8***	588** 600***	6	295,7** 288***	664,9** 690,3***	PRAGMA600+ID/6	
DN/ID	800	925,2	799,0	6	339	928,2	PRAGMA800+ID/6	
DN/ID	1000	1140,4	1000,0	6	403	1144,6	PRAGMA1000+ID/6	

\* The effective length (without socket) of Pragma ID pipes can vary by up to +/-7.5 cm

\*\* Dimensions refer to pipes DN / ID600 and SN≥10 kN / m<sup>2</sup> and SN≥12 kN / m<sup>2</sup>

\*\*\* Dimensions refer to pipes DN / ID600 and SN≥16 kN / m<sup>2</sup>

# PP MONO®

## Sewerage system for sewer installations in buildings – 100 years of service life

PP Mono is an extraordinary reliable system of pipes and fittings suitable for both household and industrial water!

### PP Mono pipes are joint by butt welding

Butt welded PP Mono pipes successfully pass the 10 bar pressure test! Although such high pressure is not typical of sewer networks, this test comes to prove the exceptional strength and endurance of pipe joints!



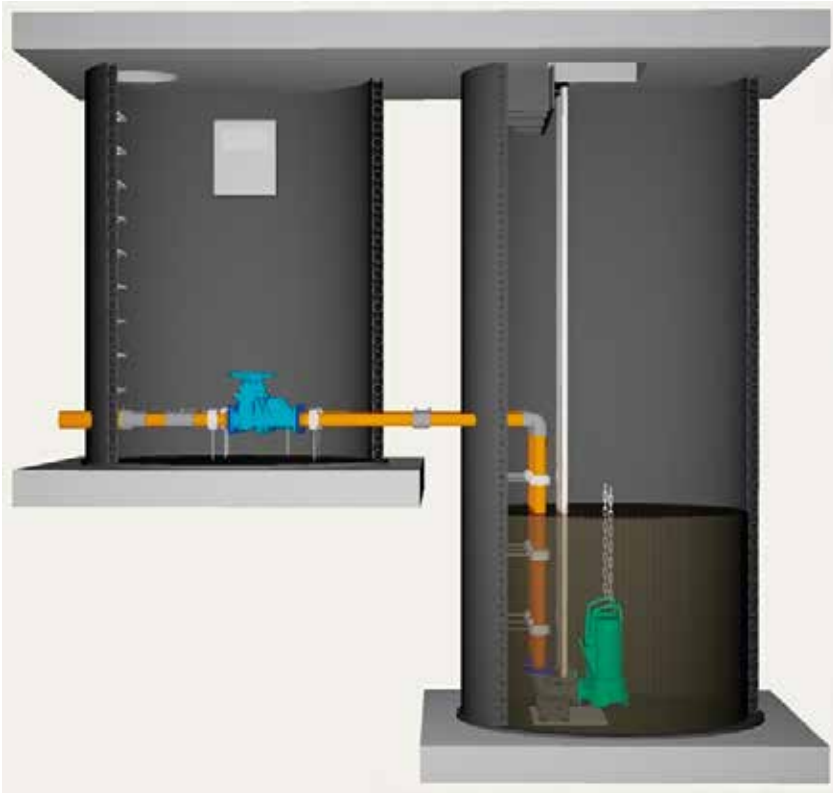
### PP Mono pipes are joint by double end couplings



Nominal diameter DN/OD	Effective pipe length [mm]	Material	Pipe ring stiffness	Standard	Trademark
160	6000	PP-B	SN $\geq$ 8kN/m <sup>2</sup> SN $\geq$ 10kN/m <sup>2</sup> SN $\geq$ 12kN/m <sup>2</sup> SN $\geq$ 16kN/m <sup>2</sup>	БДС EN 14758-1	PP Mono
200					
250					
315					
400					

# PROFOS

## Modular sewer pumping plants



- Completed end product - intelligent structure and compact design.
- Ready-to-use design solution capable of satisfying all your requirements.
- Wide variety of options.
- Saves time and money.
- Easy connection to the existing sewer network.
- Water tightness and strength thanks to the use of high quality materials.
- Low operational cost and long service life.
- Small size, light weight – easy transportation and installation.
- Great depth of laying.
- Stability and reliability.
- Long service life in operation with aggressive liquid matters.

# AQUALINE RC

Pressure pipes, made of PE100RC, intended for underground installation without sand padding and backfill in the area surrounding the pipe. Trenchless pipe laying with high degree of assurance.

- PN 6: DN50 – DN400
- PN 10: DN32 – DN400
- PN 16: DN25 – DN400



## Aqualine RC



Single-layer pressure compact  
pipe, made of PE100RC

# AQUALIFE

## PE100 pressure pipes for underground installation

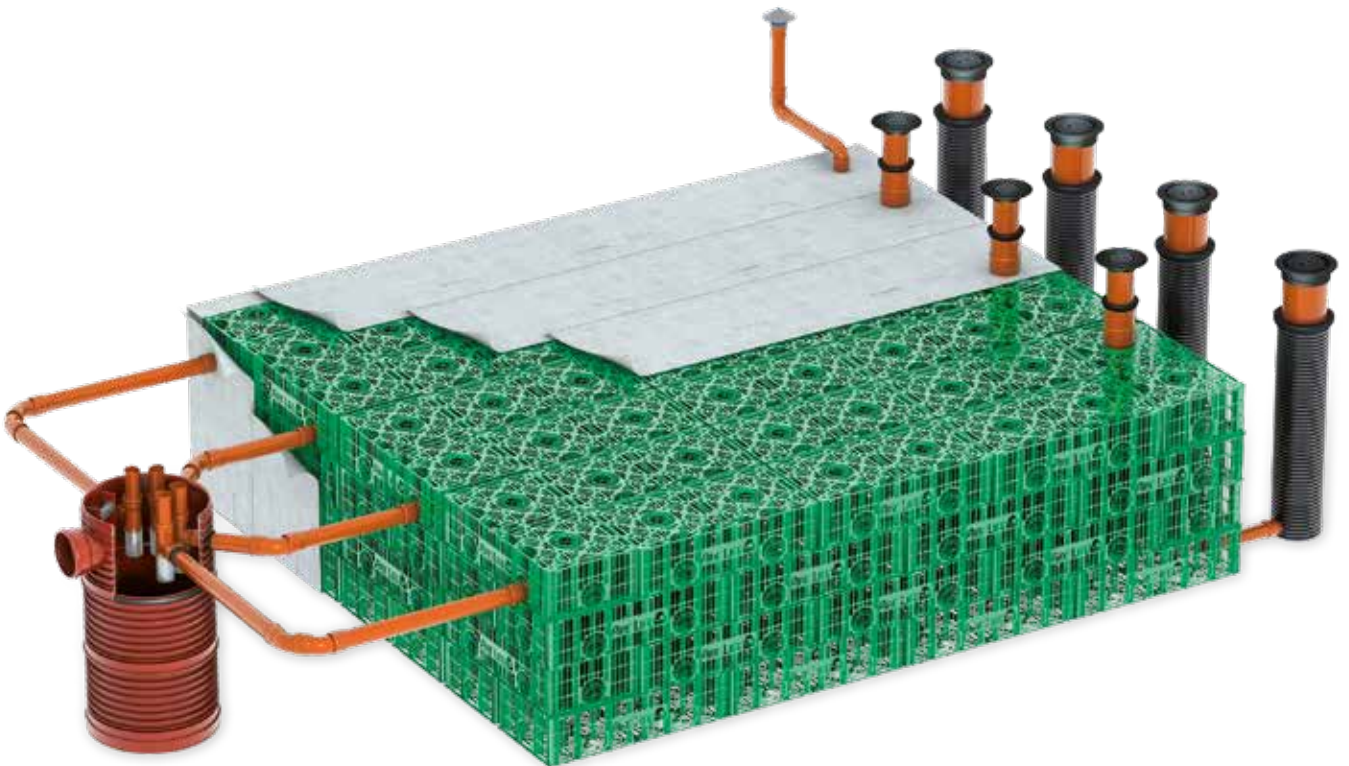
- PN 10: DN32 – DN400





# RAINEO Rainwater management system

- Decentralized system.
- Drainage system intended to manage, control, and regulate atmospheric water by the different units and processes of the system.
- A thorough solution design following the natural cycle of atmospheric water.
- Infiltration of atmospheric water into the soil.
- Retention/storage of atmospheric water.
- Controlled release of retained atmospheric water.
- Prevents the flooding of urban areas and territories.



*Note: The actual products may differ from the images shown here.*