

# PP MONO COMPACT SMOOTHWALL SEWER PIPE SYSTEM

Infrastructure compact smoothwall sewer  
pipe system of polypropylene

**PIPELIFE**   
always part of your life

# PP *mono*

**PP MONO®**

**EN 14758-1**

• **COMPACT**

• **SMOOTH SOLID WALL**

• **POLYPROPYLENE PIPE SYSTEM FOR**

**INFRASTRUCTURAL SEWER**

**SN8, 10, 12 AND 16!**

**DN/OD160**

**DN/OD200**

**DN/OD250**

**DN/OD315**

**DN/OD400**

- With PP Mono the work process is fast, easy and reliable!
- PP Mono is suitable for domestic, rain and industrial waste water!
- Ring stiffness SN  $\geq 8$  kN/m<sup>2</sup>, SN  $\geq 10$  kN/m<sup>2</sup>, SN  $\geq 12$  kN/m<sup>2</sup> и SN  $\geq 16$  kN/m<sup>2</sup>
- Low maintenance costs!

**PP MONO SYSTEM IS MANUFACTURED AND TESTED BY EN 14758-1 - PLASTICS PIPING SYSTEMS FOR NON-PRESSURE UNDERGROUND DRAINAGE AND SEWERAGE - POLYPROPYLENE (PP).**



Convenient way to transition to and from corrugated pipe systems! PP Mono pipes are part of the sewerage system including fittings, manholes PRO, rain gullies PRO-RG, modular pumping stations PROFOS and modular treatment plants ECO.

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

**PP MONO ARE PRODUCED BY THE METHOD OF EXTRUSION  
IN BOTEVGRAD, BULGARIA.  
COUPLING VIA A DOUBLE SOCKET MADE OF THE SAME  
MATERIAL AS THE PIPE!**

Nominal diameter DN/OD	Outside diameter OD	Wall thickness [mm]	Effective pipe length [mm]	Material	Ring stiffness of the pipe	Standard	Commercial brand
110	110	3,8	6000	PP-B	SN≥8kN/m <sup>2</sup>	EN 14758-1	PP Mono
160	160	5,5					
200	200	6,9					
250	250	8,6					
315	315	10,8					
400	400	13,7					

Nominal diameter DN/OD	Outside diameter OD	Wall thickness [mm]	Effective pipe length [mm]	Material	Ring stiffness of the pipe	Standard	Commercial brand
110	110	4,2	6000	PP-B	SN≥10kN/m <sup>2</sup>	EN 14758-1	PP Mono
160	160	5,5					
200	200	6,9					
250	250	8,6					
315	315	12					
400	400	15,1					

Nominal diameter DN/OD	Outside diameter OD	Wall thickness [mm]	Effective pipe length [mm]	Material	Ring stiffness of the pipe	Standard	Commercial brand
110	110	5	6000	PP-B	SN≥12kN/m <sup>2</sup>	EN 14758-1	PP Mono
160	160	6,7					
200	200	8,5					
250	250	10,5					
315	315	13,2					
400	400	16,7					

Nominal diameter DN/OD	Outside diameter OD	Wall thickness [mm]	Effective pipe length [mm]	Material	Ring stiffness of the pipe	Standard	Commercial brand
110	110	5,4	6000	PP-B	SN≥16kN/m <sup>2</sup>	EN 14758-1	PP Mono
160	160	7,3					
200	200	9,1					
250	250	11,4					
315	315	14,4					
400	400	18,2					

DN/OD – nominal outside (conditional) diameter of the manufactured pipe or fitting  
 DN/ID – nominal inside (conditional) diameter of the manufactured pipe or fitting  
 On customer's request it is also possible to produce pipe lengths of 1, 2, 3 and 4 meters.

# INSTALLATION OF THE PP MONO PIPE SYSTEM

## Connecting the PP Mono pipes by butt welding

PP Mono pipes are manufactured with two smooth ends, allowing it to be butt welded like polyethylene pipes for water supply. Each butt welding machine has settings for welding polypropylene, which makes the welding of PP Mono possible!

**The butt welding of PP Mono successfully passed a 10 bar pressure test! Although such pressure is not typical for sewerage, it demonstrates the exceptional strength and durability of the connection!**

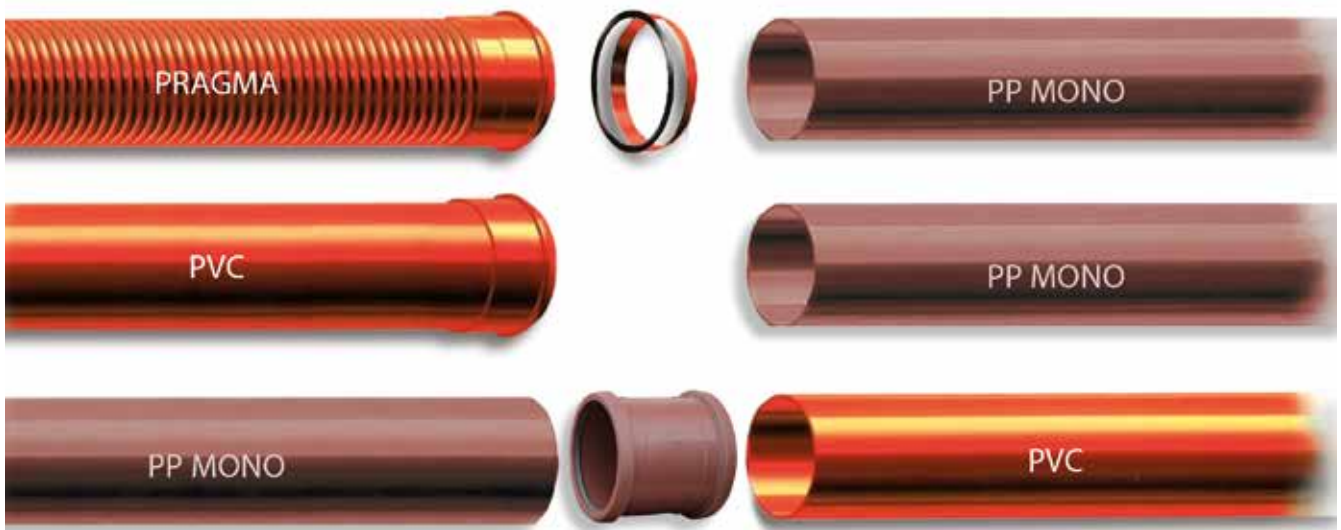


## Connecting the PP Mono pipes by double sockets

Besides using butt welding, Pipelife offers option to connect the system via double socket, made of the same material as the pipe! Upon customer's special order the pipes can be supplied fitted with a socket or the double sockets may be supplied separately (with two sealing rings)



## Connecting the PP Mono pipes with smooth PVC and corrugated Pragma pipes



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