

# PP Corrugated OD Pipes

## Technical Datasheet

### Applications

Use in civil engineering for waste water. Pipes are used below ground.

- Highways
- Airports
- Railways
- Street sewer
- For waste and atmospheric waters

### Product description

Polypropylene (PP) pipes are made in diameters defined by the outer diameter (OD). Made of polypropylene copolymer (PP-B) pipes completely according to EN13476. Pipes have high impact resistance.

They are joined by EPDM rubber sealing rings or with SAG. Pipe outer layer is made in black color, inner layer in white color.



### Mechanical and physical characteristics

They have good flexibility and good hydraulic properties. High impact resistance and long service life (about 100 years). The pipes are light weight, which enables simple manipulation and installation. Good mechanical properties, good impact resistance even at low temperatures. They can be completely recycled.

Characteristics	Values		EN
Density	900 kg/m³		EN1183
MFR	0.3 Wg/10 min (230/2.16)		EN1133
Modulus of elasticity	1500/2000 MPa		EN527
Tensile strength at the limit of extension	32 MPa		
Impact toughness (Charpy)	on +23°C	70 kJ/m²	EN179/1eA
	on -23°C	7 kJ/m²	

### Chemical resistance

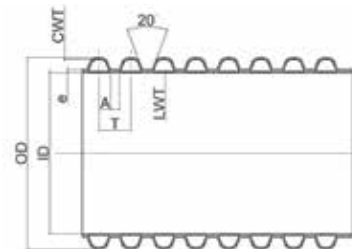
High chemical resistance to a large number of compounds.\*  
\*Plastic pipes and fittings - Combined chemical-resistance classification table ISO/TR 10358.

### Product Availability

The pipes are made in standard length of 6 or 12 meters. Diameter from ø75 to ø500 mm.

All diameters can be made in the ring strength classes SN4 or SN8, and on request we also make classes SN12 and SN16. Coupling with bend fitting (angle 30°, 45°, 60° and 90°), joining up the several pipeline with T-crotch, and coupling using SAG.

The pipe diameters from DN200 to DN500 are manufactured with a welded connection. The smaller diameters are manufactured with a double sleeve already fitted to the pipe. For the complete program of PP corrugated pipes we produce all the necessary fittings, by standard and on the request of the customer, as well as transition pieces for connection with pipelines of other materials.

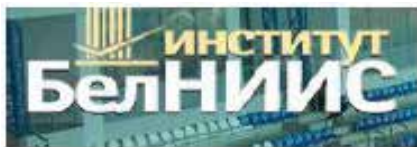


DN (OD) mm		ID (mm)	CWT	LWT	T	A	e
Ø110	SN4	96	0.4	0.5	13.6	4.1	1
	SN8	95	0.5	0.6	13.6	4.1	1.1
Ø125	SN4	109	0.6	0.6	15.2	4.4	1.2
	SN8	108	0.6	0.7	15.2	4.4	1.3
Ø160	SN4	138	0.6	0.7	20	5.4	1.3
	SN8	137	0.7	0.8	20	5.4	1.4
Ø200	SN4	177	1	0.7	19.3	6	1.5
	SN8	175	1.1	0.8	19.3	6	1.8
Ø250	SN4	221	1.2	0.8	30.1	6.5	1.6
	SN8	220	1.5	1	30.1	6.5	2.2
Ø315	SN4	272	1.6	0.7	35	8.8	2
	SN8	270	2	1.2	35	8.8	3.1
Ø400	SN4	345	1.8	1.3	49	11.7	2
	SN8	343	2	1.5	49	11.7	3.5
Ø500	SN4	430	1.8	1.7	58	19.4	3.8
	SN8	428	2	1.8	58	19.4	5.2
Ø630	SN4	547	2	2.1	71.2	25	5.4
	SN8	545	2.3	2.3	71.2	25	6.3

\* The values in the table are mean values measured during continuous product quality control over a long period of time.

## Technical Assistance

Our technical and engineering team is supported and advised by European institutes. For more information about products please contact PEŠTAN technical support or regional salesman.



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