



PVC ULTRA

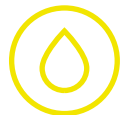


WE ARE

a private company Peštan, leader in the Balkans in the production and distribution of products and solutions from the polymers.

Company was founded in 1989 and has been producing water pipes made of polyethylene.

Over time, we introduced new materials (polypropylene and PVC) and expanded product range. Today, in our offer you may find more than 6500 products, divided into four categories:



**PIPING
SOLUTIONS**



**DRAIN
SOLUTIONS**



**AGRICULTURE
SOLUTIONS**



**HOUSEHOLD
SOLUTIONS**

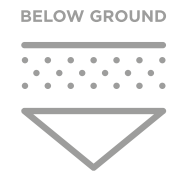


Edition 5



PVC ULTRA

Pipes for a modern sewerage system - PVC ULTRA SN 10, SN 12 i SN 16



PEŠTAN PVC ULTRA SEWERAGE SYSTEM

PEŠTAN PVC ULTRA is a modern sewerage system, which exceeds most of the products of company Peštan.

Peštan development team, after years of research, has developed a new system of sewerage pipes, higher quality and more innovative than previously offered.

ULTRA system (which is a synonym for ultra-modern, innovation and quality) is complementing the existing PP STRONG system, but is based on the PVC as basic raw material.

Peštan PVC ultra are 3-layer sewerage pipes with ring stiffness SN 12. Pipes are produced and tested in accordance with EN 1401. These pipes have a diameter from DN160 to DN400 and have extruded socket which, unlike double sockets or sleeve sockets, reduces possibility of leaks of pipeline for 100%.

PURPOSE

The purpose of these pipes is in field of high static load such as airports, highways and railways. Pipes can be used in areas where there are underground water.

SNT0	DN	D1	S	LENGTH (M)						D2	D3	E	F1	U	LB
				1	2	3	4	5	6						
				✓	✓	✓	✓	✓	✓						
160	160.4	4.7	✓	✓	✓	✓	✓	✓	160.3	174.4	12.5	12.5	50.8	75.9	
200	200	5.9	✓	✓	✓	✓	✓	✓	200.4	216.3	15.7	13.6	60.3	89.5	
250	250	7.3	✓	✓	✓	✓	✓	✓	250.4	272.8	19.8	20.9	72.4	112.9	
300	315	9.2	✓	✓	✓	✓	✓	✓	315.5	339	24.9	22.8	87.8	135.5	
400	400	11.7	✓	✓	✓	✓	✓	✓	400.7	427.1	31.6	25.7	108.4	165.5	
500	500	14.6	✓	✓	✓	✓	✓	✓	500.7						
630	630	18.4	✓	✓	✓	✓	✓	✓	630.8						

SNT2	DN	D1	S	LENGTH (M)						D2	D3	E	F1	U	LB
				1	2	3	4	5	6						
				✓	✓	✓	✓	✓	✓						
160	160	5.5	✓	✓	✓	✓	✓	✓	160.4	174.4	12.5	12.5	50.8	75.9	
200	200	6.7	✓	✓	✓	✓	✓	✓	200.5	216.3	15.7	13.6	60.3	89.5	
250	250	8.1	✓	✓	✓	✓	✓	✓	250.5	272.8	19.8	20.9	72.4	112.9	
300	315	10.5	✓	✓	✓	✓	✓	✓	315.6	339	24.9	22.8	87.8	135.5	
400	400	12.7	✓	✓	✓	✓	✓	✓	400.8	427.1	31.6	25.7	108.4	165.5	
500	500	16.7	✓	✓	✓	✓	✓	✓	500.8						
630	630	20.7	✓	✓	✓	✓	✓	✓	630.9						

SNT6	DN	D1	S	LENGTH (M)						D2	D3	E	F1	U	LB
				1	2	3	4	5	6						
				✓	✓	✓	✓	✓	✓						
160	160	6.1	✓	✓	✓	✓	✓	✓	160.5	174.4	12.5	12.5	50.8	75.9	
200	200	7.7	✓	✓	✓	✓	✓	✓	200.6	216.3	15.7	13.6	60.3	89.5	
250	250	9.6	✓	✓	✓	✓	✓	✓	250.6	272.8	19.8	20.9	72.4	112.9	
300	315	12.1	✓	✓	✓	✓	✓	✓	315.7	339	24.9	22.8	87.8	135.5	
400	400	15.4	✓	✓	✓	✓	✓	✓	400.8	427.1	31.6	25.7	108.4	165.5	
500	500	19.2	✓	✓	✓	✓	✓	✓	500.8						
630	630	24.2	✓	✓	✓	✓	✓	✓	630.9						



PVC ULTRA

Compared to other plastics suitable for the manufacture of pipes, PVC is characterized by a high modulus of elasticity and good crack resistance. Excellent impact resistance of Pestan PVC Ultra system allows installation at temperatures as low as -10° C. Pipes can be used to distribute hot water to a maximum of 60°C.

Pipes carry a label with snowflake in accordance with EN 1401. The pipes are tested in accordance with EN 744 and EN 1411, which unlike of EN 1401 go a step further. This standard stipulates the release of metal weight of 8 kg with a height of at least one meter to the pipe, at a temperature of -10°C (for diameter DN160).

Since there were no cracks or deformation as result of testing of Pestan PVC Ultra, the mark of snowflake is allowed to be used on pipes. This test simulates the real situation on the construction site where large pieces of stone can fall onto the pipe until it is in a trench.

CHARACTERISTIC	REQUESTS	TESTING PARAMETERS	TEST METHOD
impact resistance (method stairs)	H50±1m Max. A layout below 0,5m	Test/temperature/ type of stroke	-10 0C #90 in accordance with EN 1411:1996
		Stroke mass for:	
		dn = 110mm	4kg
		dn = 125mm	5kg
		dn = 160mm	8kg
		dn = 200mm	10kg
		dn = 250mm	12,5kg
			EN 1411:1996

1. Bar code, 2. Peštan logo, 3. Material, 4. Diameter, 5. wall thickness, 6. Dimensions according to standard EN 1401, 7. Date and time of manufacture, 8. Snowflake (Installation at low temperatures)

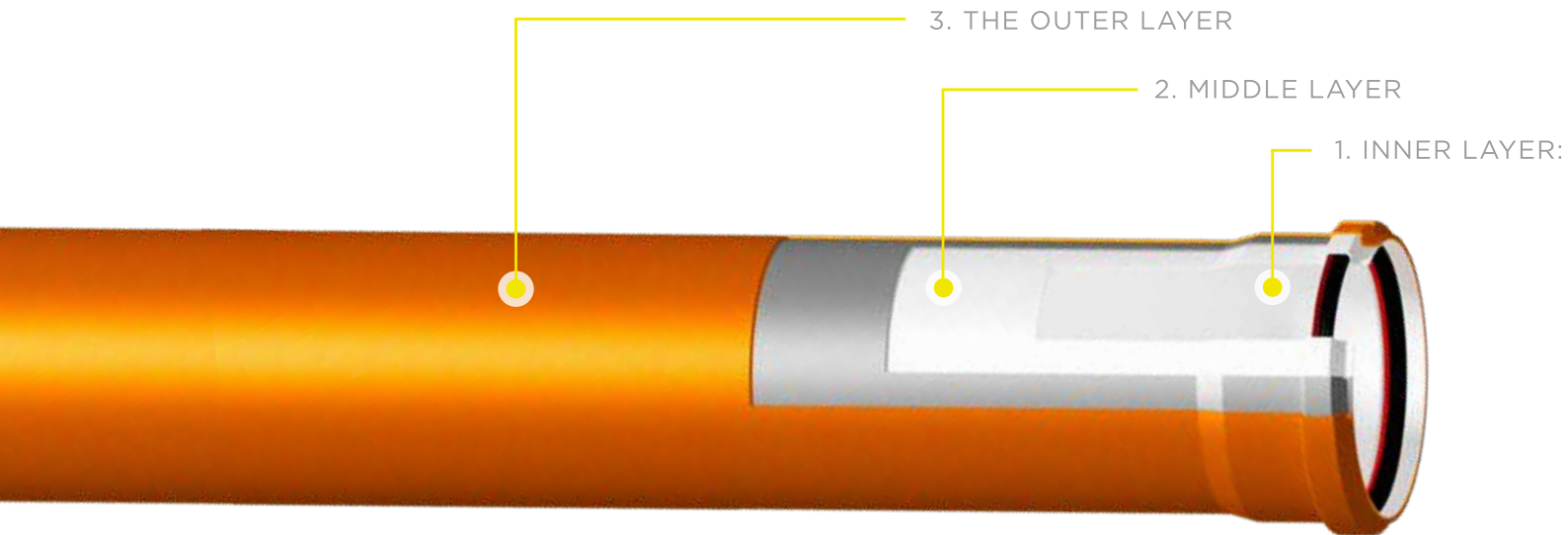


In socket, the rubber ring is placed, with two sealing surfaces and additional short plastic ring that is made in a different color. Rubber ring has a unique design that rubber parts and plastic manufactures together in order to obtain a sealing element. Soft plastic armature allows easy installation of ring, by bending inside to the place where the four notches. After that very easily corrected to the previous position thanks to the notches on the plastic part Rubber ring is firmly mounted in the socket of the pipe making seal through whole pipe and

eliminating many disadvantages of other types of rubber. The sealing rubber is mounted in socket of pipe and so reaches the customer. When the two pipes are connected, the rubber ring is designed to be deformed to a real pressure on the sleeve and the pipe and thus achieves an ideal combination. The pressure in the tubes can vary. The pressure in the pipes may vary, and in these conditions rubber ring must follow these deformations. Design of rubber ring facilitates the worker

installation in a trench, and it is impossible to drop the eraser or turned upside down, so that the risk of incorrect assembly practically does not exist. All that is needed is to lubricate the pipe ring. Opening modes have been designed so that it requires very little force to setup, alignment and connection of the pipes, reducing the risk of shifting of ring, even larger diameters even larger diameters can be connected without special tools and equipment to connect. Pipes fittings can be connected together easily and quickly.

THE INTERSECTION OF PVC ULTRA PIPES



1. INNER LAYER:

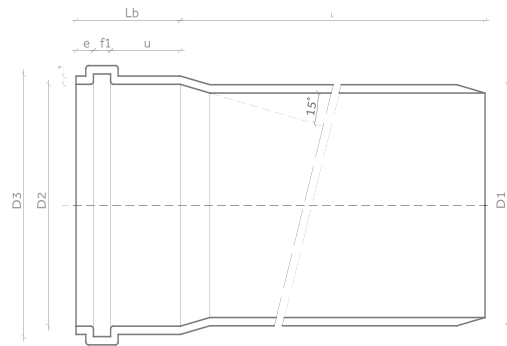
White color provides a better reflection when shooting camera

2. MIDDLE LAYER:

Gray filled with additional mineral reinforced
It absorbs blows
Increases static of pipes

3. THE OUTER LAYER:

Dark orange colour
Shockproof to stone



PARAMETER	CHARACTERISTICS
Material	polyvinyl chloride (PVC)
The structure of the pipe	Three-layer compact PVC pipes
The ring stiffness of the pipe	SN 10, SN 12, SN 16
Dostupne dužine cevi	1, 2, 3, 4, 5, 6 metara
Seal	Rubber and plastic reinforcement in a different color and with two sealing surfaces
The temperature when installing	minimum -10 ° C, maximum 50 ° C
Compacting soil during assembly	90 % - 98 % PS
The depth of the liner	min. 0,5 m, max. 10 m (on the basis of a detailed statistical calculation)

BRAND MANIFESTO

We do not only sell pipes, we combine reliability with quality for the ultimate benefit of our clients.

We do not build short-term client relationships, but long-term and genuine partnerships.

Everything we do, we do with one thing in mind - to create ideas to perfectly match all our client needs and the best way for us to achieve this goal is to constantly educate our clients provide solutions that meet their specific needs and support them throughout the entire process.

Because our success is as big as your trust in us.

NOTES

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