



PVC DRAINAGE PIPES

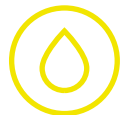


WE ARE

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**



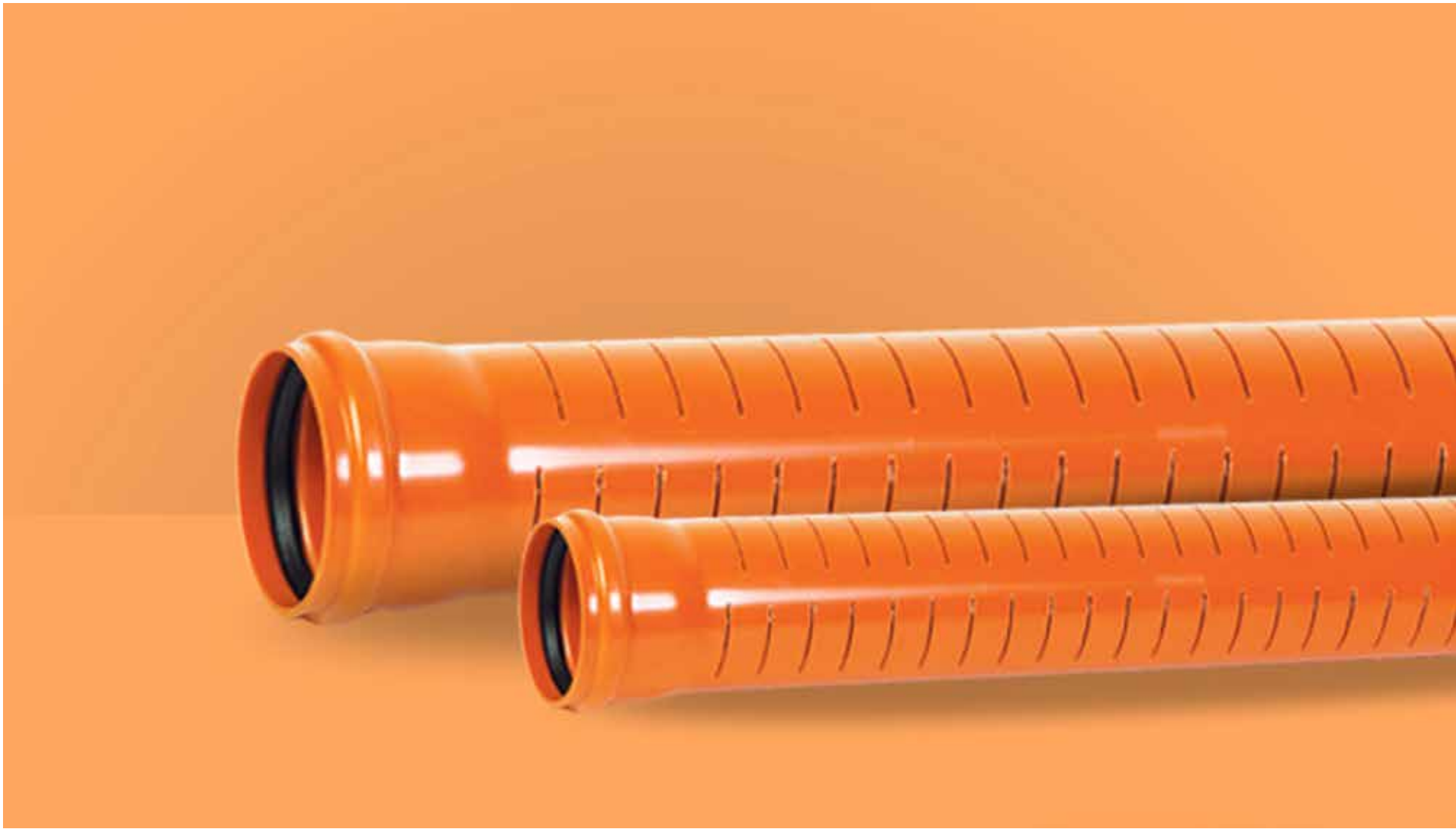
**AGRICULTURE
SOLUTIONS**



**HOUSEHOLD
SOLUTIONS**

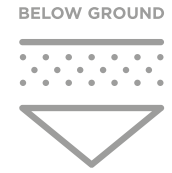


Edition 5



PVC DRAINAGE PIPES

PVC perforated drainage pipes



KG (PVC) PERFORATED PIPES

Perforated PVC pipes for drainage have been manufactured according to DIN 4262 standard.

Assembly of the pipeline is extremely easy , pipes are connected to one another with fittings while complete seal is achieved with use of rubber bands. Maximum temperature of application is +60 °C. Pipes are resistant to salt water, alcohol, acids, alkalis, sulphates, aggressive gas and all kinds of detergents. On the other hand, they cannot be used for the transport of water which contains high percentage of benzene, benzine (petrol) or acetone.

ADVANTAGES & OWNER BENEFITS

- Very light material
- Simple and easy way of both transport and manipulation
- Fast and cheap assembling
- Pipe connections are resistant to water and other type of fluids
- They are resistant to corrosion in alkaline, acid or aggressive environment
- They are fine electrical insulator, and also resistant to mechanical impact
- Guaranteed life time of more than 50 years
- Connection with muffs and gaskets made of EPDM or rubber (EN 681)
- SRPS EN 1401 - compact; SRPS EN 13476 - Three-Layered

The method of producing perforations in the PVC pipes



SPECIFICATION OF MATERIAL



PVC-pipes and fittings are made from compound of non-softened PVC material with = 10MPa mixed with necessary additives.
Specific mass 1,38 ÷ 1,45gr/cm³

- Typical weight 1.38 ÷ 1.45 g / cm³
- Tensile strenght 50-60 MPa
- Thermal stability: according to Vicat min 79°C
- Thermal conductivity 0,54 KJ/mh/°C
- Linear ratio of thermal extension 0,08 mm/m/°C
- Water absorption 4 mg/cm²

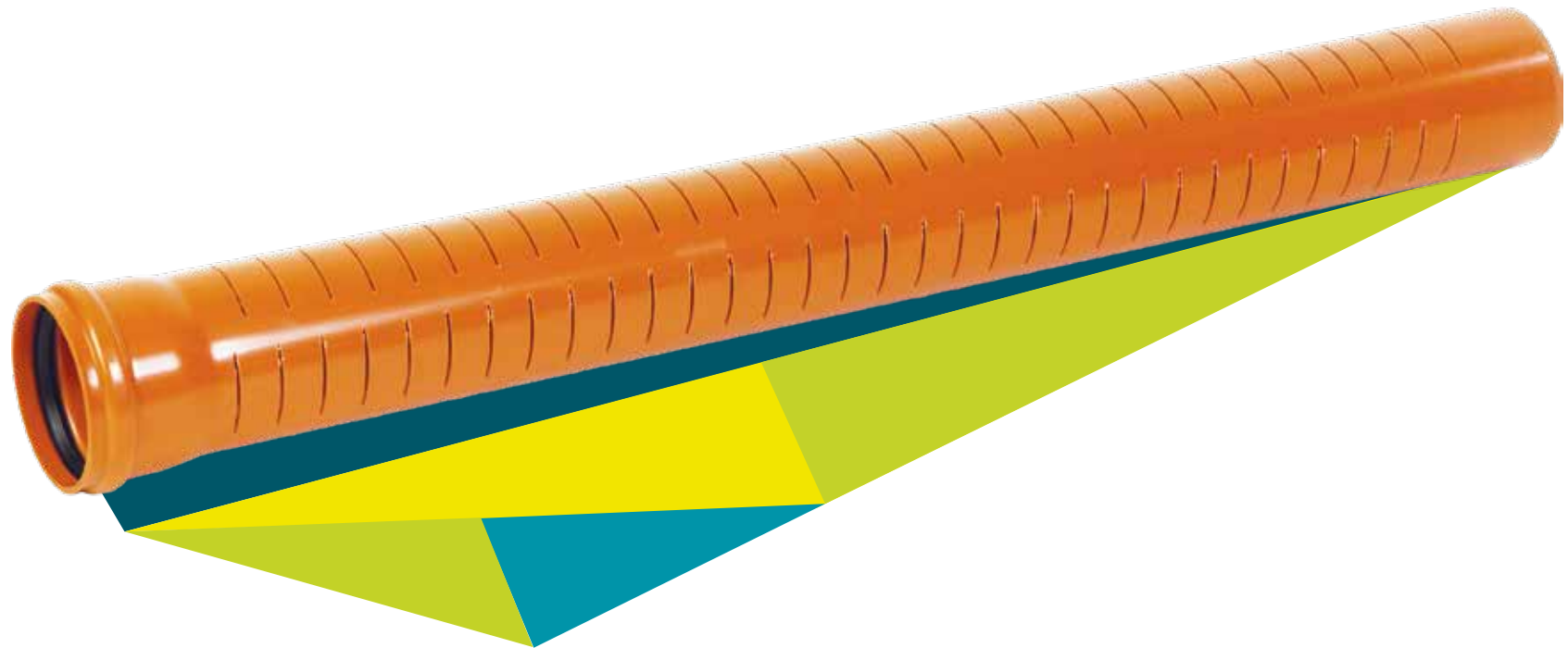
PIPE SERIES SPECIFICATION

Pipe series S-20 (SDR 41) SN 4 KN/m²

- Depth of pipe trench min 1,2 ÷ 6 m max
- Maximum loading max 18t/axel
- Ring stiffness SN 4 KN/m²
- Connection with EPDM or rubber (EN 681) seal in socket
- Length 1 ÷ 6m

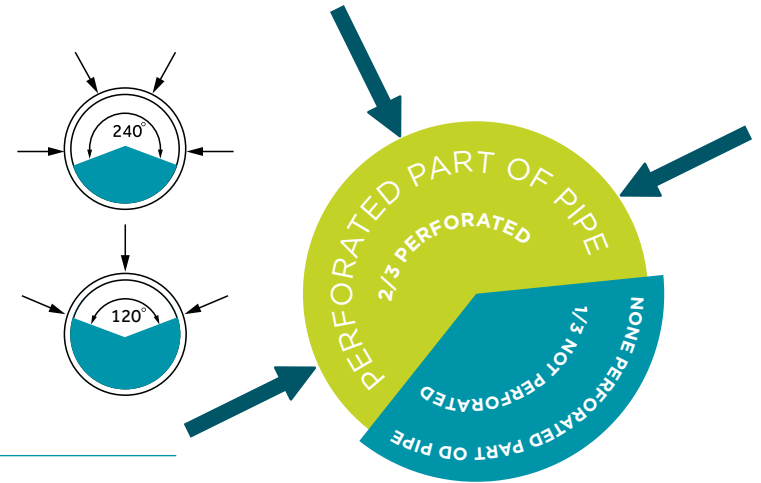
Pipe series S-16 (SDR 34) SN 8 KN/m²

- Depth of pipe trench min 1,2 ÷ 6 m max
- Maximum loading max 18t/axel
- Ring stiffness SN 8 KN/m²
- Connection with EPDM or rubber (EN 681) seal in socket
- Length 1 ÷ 6m

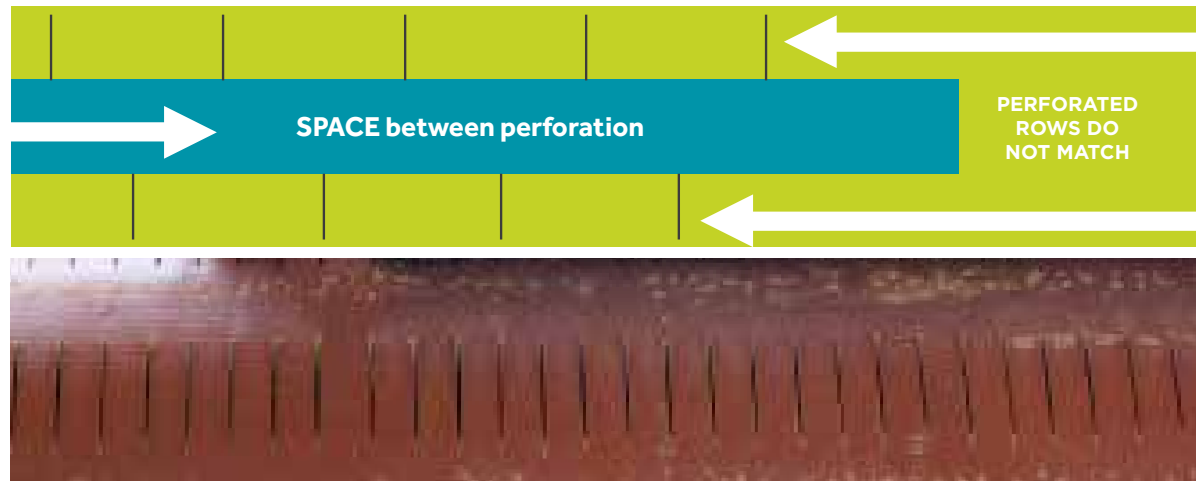


Ø 110 pipe - perforated in 3 rows
 Ø 125 pipe - perforated in 3 rows
 Ø 160 pipe - perforated in 3 rows
 Ø 200 pipe - perforated in 4 rows

Ø 250 pipe - perforated in 5 rows
 Ø 315 pipe - perforated in 6 rows
 Ø 400 pipe - perforated in 7 rows



ILLUSTRATED EXAMPLE OF PERFORATED PIPE



The slots are such as to allow unrestricted entry of water into the pipe. Their position is normal to the axis of the tube. Slot width in the perforated pipe is from 2.5 to 3mm. Area slit the water intake is greater than 50cm/m².

DISTANCE BETWEEN CUTS

From 15mm to 20mm on pipes Ø 110 and Ø 125
 From 20mm to 25mm on pipes Ø 160

From 25mm to 30mm on pipes Ø 200 and Ø 250
 From 35mm to 40mm on pipes Ø 315
 From 45mm to 50mm on pipes Ø 400

PIPES ACCORDING TO DIN 4262 STANDARD SHALL BE CATEGORIZED IN THE FOLLOWING WAYS ACCORDING TO THEIR ARRANGEMENT OF THE SLOTS AS SHOWN IN PICTURE :

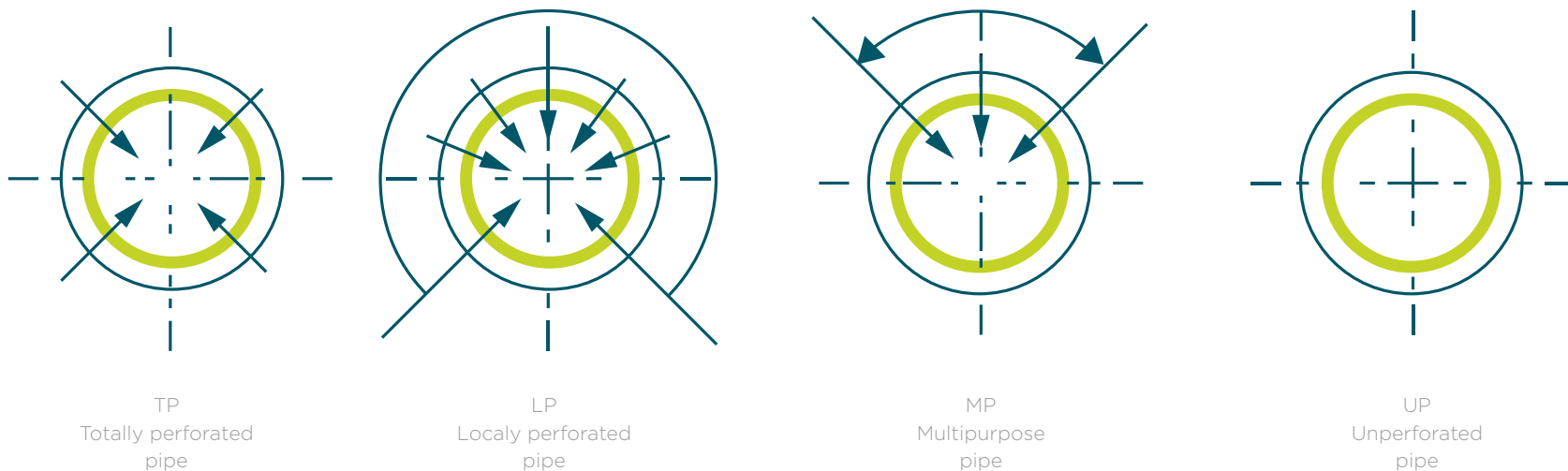
a) Totally perforated pipes (TP) are arranged uniformly over the entire circumference of the water inlet opening and having at least four rows of slots. They may be used in all sizes. Tubes of the type C1 and C2 are not produced as pipes.

b) Locally perforated pipes (LP) in which the water inlet opening is arranged over a range of about 220 degrees ± 10 at the pipe apex symmetrically to the vertical axis of the pipe, and the sole is unslotted. It must have at least three rows of slots. They are usually available in nominal sizes DN100 eingestetzt to DN200.

c) Multi purpose pipes (MP) in which the water inlet opening is arranged on top of the pipe symmetrically to the vertical pipe axis evenly over a range of maximum 120 degrees, have at least two rows of slots and have a watertight connection. The lower part of the MP-pipe can be used as transport pipe for all of the water. They are used in nominal diameters from DN200.

d) Unperforated transport pipe (UP)

THE INSTALLATION POSITION OF THE TP AND MP-PIPES MUST BE RECOGNIZABLE EITHER BY THE SHAPE OF THE PIPE OR BY A CROWN MARK.



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.



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