# PE CABLE PROTECTION PIPES
Technical Datasheet

PEŠTAN
we build trust

## APPLICATION

Peštan corrugated PE pipes for cable protection are designed to protect cables in the underground installation or installation inside the building. They are produced in a class ring stiffness SN 4 and can be used in places with increased surface load in accordance with the static calculation. Smooth inner wall of the tube in bars facilitates pulling of the cables while for pipes in coils you can order the product with previously pooled rope for cable routing.

## TECHNICAL DATA AND CHARACTERISTICS

- Pipes are two-layer with an outer profiled surface made of high density polyethylene HDPE, and internal smooth LDPE low density polyethylene.
- Pipes are made in class SN 4 on special request can be SN 8
- Peštan corrugated PE pipes for cable protection are made made of polyethylene in accordance with the following standards: SRPSEN50086-2-4 (DIN16961, NFC68-171) and SRPS-EN13476.
- Pipe testing is performed according to method EN 9969. In addition to strength pipe rings also meet external impact resistance (TIR test) tested according to the ISO 3127 method and according to the test conditions EN 13476-3.
- In the case of laying the pipe so that it is directly exposed to the sun light it is necessary to apply methods of protection against UV radiation.
- If the cable is blown, keep in mind that the connections to these pipes are not intended for pressures higher than 0.5 bar, so it is optimal blowing length 50 m in the case of a coil pipe.

## PHYSICAL AND CHEMICAL RESISTANCE

Polyethylene allows installation in both salt and chemical aggressive soil. Chemical resistance ranges from pH2 –pH12. These pipes are resistant to water, components which are found in concrete and other construction materials, corrosion and other external influences. Pipes are electrical insulators and do not contribute to the spread of fire. Pipe flammability in class B2.

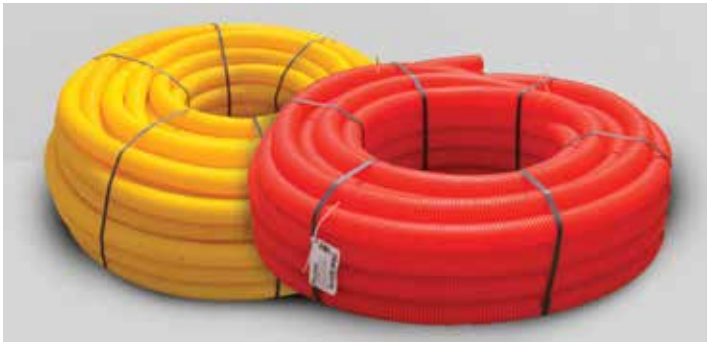
## PRODUCT AVAILABILITY

Peštan corrugated PE pipes for cable protection are produced in the following diameters: Ø75 mm, Ø90 mm, Ø110 mm, Ø125 mm and Ø160 mm and length 6000 mm (product in bars) or 50 m (product in coil).
The pipes are offered in two basic colors:
- Red for power cables;
- Yellow for telecom cables.

In case the customer chooses a pipe in a 50 m long coil it is possible to pass the intended rope through the pipe easier cable routing. At the customer's request, the coil can be longer than 50 m.

Product dimensions and codes:

| POLIETILEN HDPE | | | | |
|---|---|---|---|---|
| DIAMETER | RED | | YELLOW | |
| | BAR | COIL | BAR | COIL |
| DN 50 | | 10900327 | | 10900347 |
| DN 75 | 10900420 | 10900328 | 10900440 | 10900340 |
| DN 90 | 10900421 | 10900321 | 10900441 | 10900341 |
| DN 110 | 10900422 | 10900322 | 10900442 | 10900342 |
| DN 125 | 10900423 | 10900323 | 10900443 | 10900343 |
| DN 160 | 10900424 | 10900324 | 10900444 | 10900344 |



## TECHNICAL ASSISTANCE

For more information you can contact PEŠTAN technical support or a regional sales representative in the field.

BELNIIS - Belarus

KIWA - Netherland

MPA - Germany

VUPS - Czech Republic

BELNIIS - Belarus

GOST R - Russia

IGH - Croatia

IMS - Serbia