



WATER PIPES

PE-100

underground and ground water
and technological installations

MATERIAL

- polyethylene (HDPE), class PE 100
high density

COLOUR

- blue
- black with blue stripes

DIAMETERS

- Ø 20 - 630 mm

LENGTH

- straight sections 6 and
- 12 m in coils for
diameters:
Ø 20 - 32 mm - 300 m
Ø 40 - 110 mm - 100 m
- other lengths on request

PRESSURE

- SDR 41 - SDR 7.4
(pressure PN4 – PN25)
- on request
PN32 (SDR 6) and PN40 (SDR5)

CONNECTING

- butt welding electric
- resistivity welding
- polifusion welding collar
- connections clamp
- connectors Victaulic
- screwed connectors

VALUES

- highest resistance to pressure that prevents decreasing the pipe wall thickness
- high operational durability
- at least 50 years
- high flexibility and resistance to impacts
- low specific gravity,
- possibility of connecting with various methods
- low flow resistances
- resistance to biological and chemical factors
- resistance to stray currents, recyclable after decommissioning





TECHNICAL DESCRIPTION

High density polyethylene pipes (HDPE) class PE 100 with diameters of 16 to 630 mm, SDR 41 to SDR 7.4 (pressure PN 4 to PN 25), blue or black with blue stripes.

The pipes are used in underground and ground water and technological installations. Standard lengths of straight sections are 6 and 12 m, while standard pipe lengths in coils are:

- 300 m for diameters up to Ø 32 mm,
- 100 m for diameters Ø 40 mm to Ø 110 mm.

On the customer's request it is possible to manufacture other pipe lengths.

We also manufacture custom pipes on request for pressures PN32 (SDR 6) and PN40 (SDR5).

Polyethylene pipes can be connected by: butt welding, electric resistivity welding, polifusion welding, collar connections, as well as screwed clamps and Victaulic connectors.