



# WATER PIPES

## PE-80

underground and ground water  
and technological installations

### MATERIAL

- polyethylene (HDPE), class PE 80  
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 – coils 200 m, Ø  
40 - 110 mm – coils 100 m
- other lengths on request

### PRESSURE

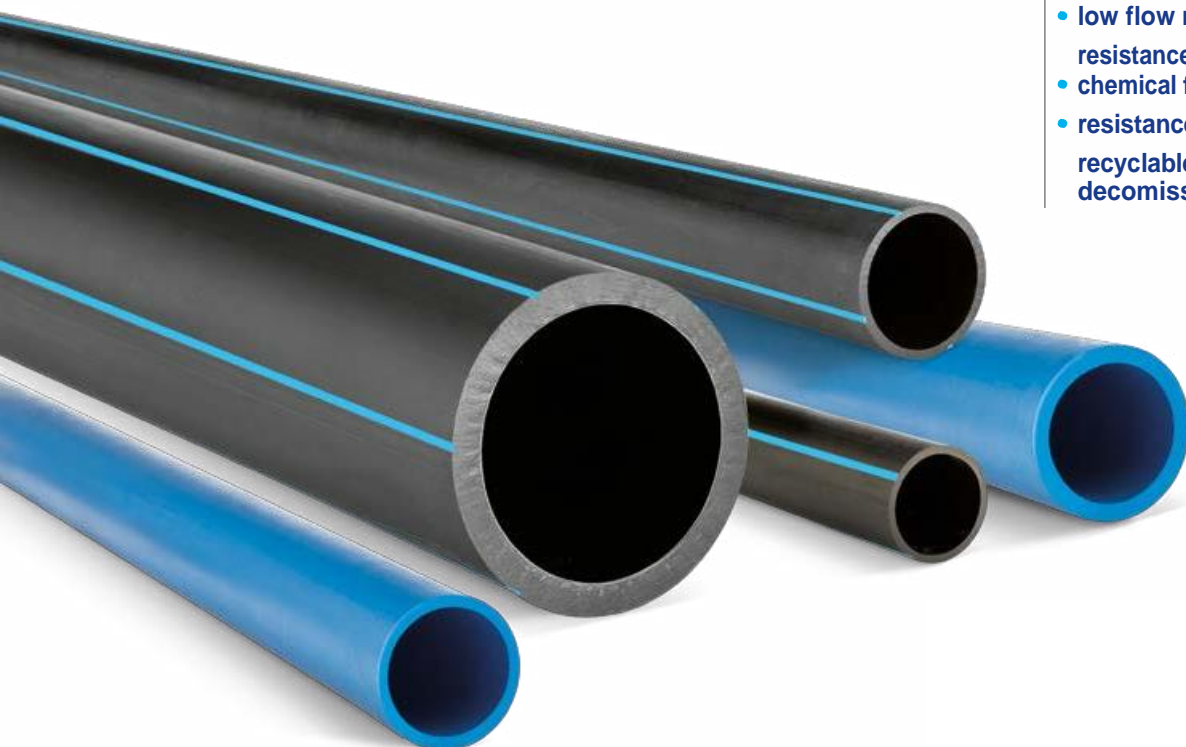
- SDR 41 to SDR 6  
(pressure PN 3.2 to PN 25)
- on request  
PN32 (SDR 6) and PN40  
(SDR5)

### 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

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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, polyfusion welding, collar connections, as well as screwed clamps and Victaulic connectors.

## APPENDICES:

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- Technical bulletin EL-01 PE pipes for water systems
- Table with dimensions PE
- pipes Declaration of conformity no. 2
- Instruction EL-22 Recommended transportation and storage methods of PE pipes
- Instruction EL-20 Guidelines related to connecting PE pipes with butt welding
- Hygienic certificate
- CW 80 price list