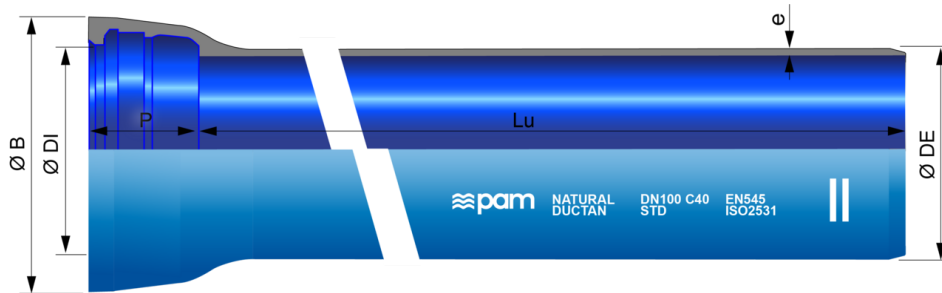


## NATURAL DUCTAN BioZinalium pipes DN80 to 200 with STANDARD socket



DN	Lu (m)	Class	e (mm)	ØDE (mm)	ØDI (mm)	P (mm)	ØB (mm)	Mass (kg/m)	References
80	6.00	C40	4.4	98	101.4	92.5	144.1	9.70	NSA80Q60TQ
100	6.00	C40	4.4	118	121.4	94.5	166.9	11.78	NSB10Q60TQ
100	6.00	C64	5.4	118	121.4	94.5	166.9	14.18	NSB10C60TQ
125	6.00	C40	4.4	144	147.4	97.5	193.1	14.48	NSB12Q60TQ
150	6.00	C40	4.5	170	173.4	100.5	220.8	17.60	NSB15Q60TQ
150	6.00	C64	5.5	170	173.4	100.5	220.8	21.14	NSB15C60TQ
200	6.00	C40	4.7	222	225.2	106.5	275.1	24.20	NSB20Q60TQ

### Legend:

- DN: nominal diameter
- Lu: laying length, in m
- Class: pressure class according to EN 545 and ISO 2531
- e: nominal thickness according to ISO 2531, in mm
- ØDE: external nominal diameter of the barrel according to EN 545 and ISO 2531, in mm
- ØDI: internal nominal diameter of the socket, in mm
- P: nominal depth of the socket, in mm
- ØB: nominal diameter of the socket, in mm
- Mass: total mass per metre (including Ductan coating and socket), determined with the nominal thickness, in kg/m
- Reference: commercial reference Saint-Gobain PAM

## Field of use:

- For drinking water and other water network applications (except sewage water)
- For aggressive or soft waters (except sewage water)

## Main characteristics:

- Pressure class in conformity with Standard EN 545-2010 and ISO 2531-2009
- External BioZinalium<sup>®</sup> coating consists of two layers:
  - a layer of zinc-aluminium 85/15 alloy, enriched with copper, with a minimum surface density of 400g/m<sup>2</sup>, applied by spraying molten metal onto the surface of the iron, using an electric arc spray gun, from ZnAl (Cu) alloy wire
  - a protective layer of Aquacoat (semi-permeable), a water-based blue acrylic of average thickness 80 microns applied using a spray gun (RAL 5005)
- Internal coating: blue (ultramarine) thermoplastic polymer DUCTAN - thickness 300 microns
- Standard joint in alimentary elastomer EPDM (ACS, KTW, WRAS,...)
- Vi anchoring without bolts

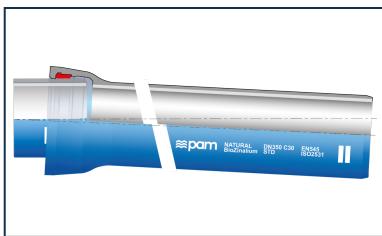
## Type of soils:

BioZinalium<sup>®</sup> coating can be in contact with all type of soil, as defined in Annex D.2.2 of EN545:2010, except:

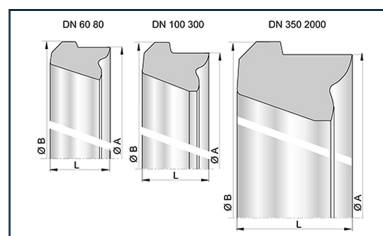
- peaty and acid soils
- soils containing wastes, scraps, ashes, slags or soils contaminated by industrial effluents or other wastes
- soils located under the level of the marine water table with a resistivity lower than 500 Ω cm

In such soils, and also in the event of stray currents, it is recommended to use other types of external coatings for more aggressive soils (TT PE or TT PUX ranges).

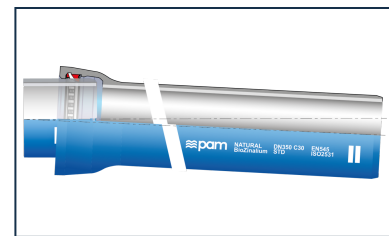
## Linked products



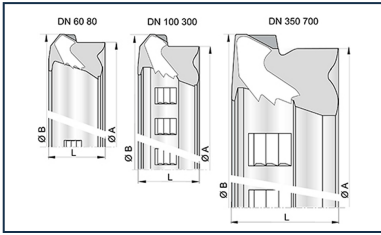
Kit Standard Pipe +  
Standard Gasket



Standard gasket for Pipes  
and Fittings DN60-2000



Kit Standard Pipe +  
Standard Vi Gasket



STD Vi gasket for Pipes and Fittings DN60-700



Lubricating paste - BLUPAM



Lubricating paste - NATURAL, INTEGRAL, and PLUVIAL ranges

*The information on this sketch is, to the best of our knowledge correct at the time of printing. However Saint-Gobain are constantly looking at ways of improving their products and services therefore reserve the right to change without prior notice, any of the data shown. Any orders placed will be subject to our Standard Conditions of Sale, available on request.*