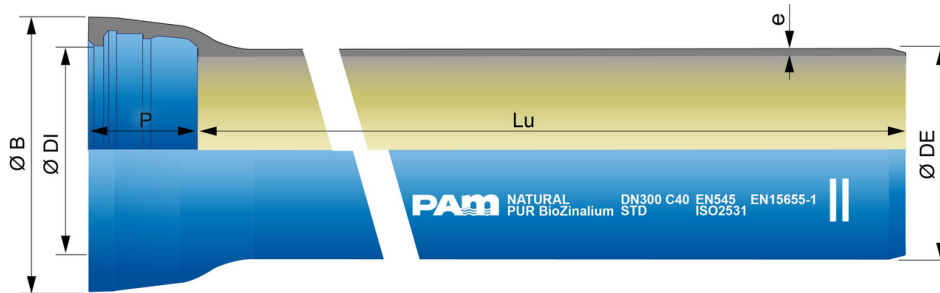


### NATURAL PUR BioZinalium pipes DN100 to 2000 with STANDARD socket (preferred pressure classes)



DN	Lu (m)	Class	e (mm)	ØDE (mm)	ØDI (mm)	P (mm)	ØB (mm)	Mass (kg/m)	References
100	6.00	C40	4.4	118	121.4	94.5	166.9	12.28	NSB10Q60WQ
125	6.00	C40	4.4	144	147.4	97.5	193.1	15.10	NSB12Q60WQ
150	6.00	C40	4.5	170	173.4	100.5	220.8	18.33	NSB15Q60WQ
200	6.00	C40	4.7	222	225.2	106.5	275.1	25.02	NSB20Q60WQ
250	6.00	C40	5.5	274	276.8	105.5	328.6	36.81	NSB25Q60WQ
300	6.00	C40	6.2	326	328.8	107.5	385.3	48.20	NSB30F60WQ
350	6.00	C30	6.4	378	380.9	110.5	444.5	57.65	NSB35G60WQ
400	6.00	C30	6.5	429	431.9	112.5	494.6	66.62	NSB40G60WQ
450	6.00	C30	6.9	480	483	115.5	546.5	79.47	NSB45G60WQ
500	6.00	C30	7.5	532	535	117.5	600.9	95.23	NSB50G60WQ
600	6.00	C30	8.7	635	638.1	132.5	712	131.52	NSB60G60WQ
700	6.96	C25	8.8	738	741.7	192	821.9	159.00	NSB70H70WQ
800	6.95	C25	9.6	842	845.8	197	935.6	197.58	NSB80H70WQ
900	6.95	C25	10.6	945	948.9	200	1043.4	243.84	NSB90H70WQ
1000	6.96	C25	11.6	1048	1052	203	1152.4	294.78	NSC10H70WQ
1100	8.19	C25	12.6	1152	1155.1	225	1263.7	357.14	NSC11H80WQ
1200	8.19	C25	13.6	1255	1260	235	1373.7	419.47	NSC12H80WQ
1400	8.17	C25	15.7	1462	1467.9	245	1592.1	558.79	NSC14H80WQ
1500	8.16	C25	16.7	1565	1571.1	265	1709.8	638.73	NSC15H80WQ
1600	8.16	C25	17.7	1668	1674.2	265	1815.9	723.86	NSC16H80WQ
1800	8.15	C25	19.7	1875	1881.5	275	2032.2	902.22	NSC18H80WQ
2000	8.13	C25	21.8	2082	2088.8	290	2259	1105.00	NSC20H80WQ

### 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 polyurethane coating and socket), determined with the nominal thickness, in kg/m
- Reference: commercial reference Saint-Gobain PAM

### Field of use:

- Aggressive or soft waters

### 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: 800 microns mini thick layer of sand-coloured polyurethane
- Standard joint in alimentary elastomer EPDM (ACS, KTW, WRAS,...)
- Vi anchoring without bolts

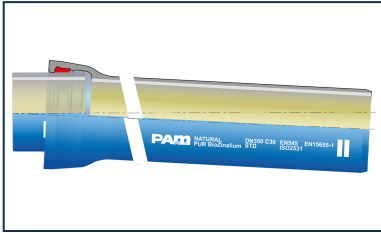
### Type of soils:

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

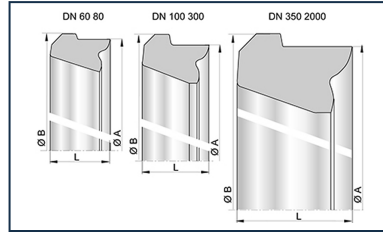
- peaty and acid soils
- soils containing wastes, scraps, ashes, slags or soils contaminated by industrial effluents or other wastes
- soils located under the level of the marine water table with a resistivity lower than 500 Ω cm

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



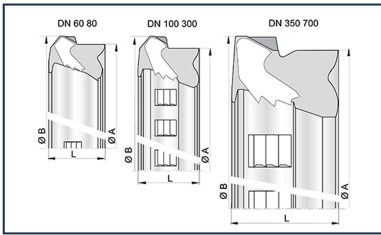
Kit Standard PUR Pipe +  
Standard Gasket



Standard gasket for Pipes  
and Fittings DN60-2000



Kit Standard PUR 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.