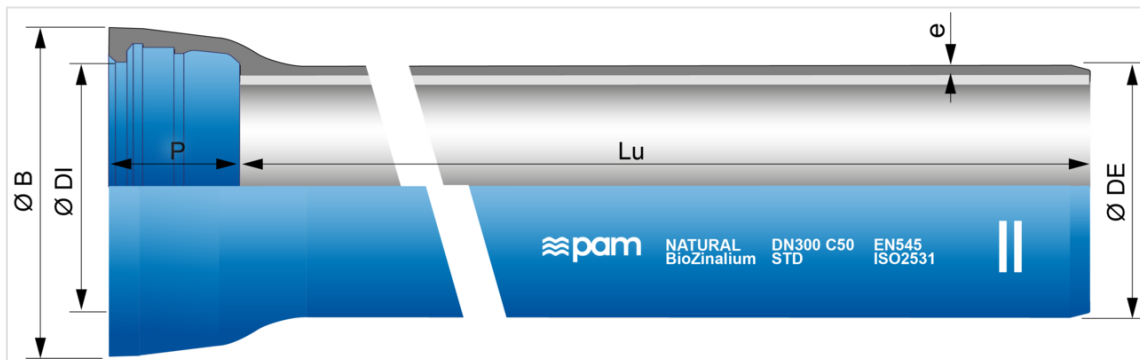


NATURAL BioZinalium pipes DN60 to 1000 with STANDARD socket (other pressure classes)



DN	Lu (m)	Class	e (mm)	ØDE (mm)	ØDI (mm)	P (mm)	ØB (mm)	Mass (kg/m)	References
60	6.00	C64	5.4	77	80.3	89.5	122.3	10.77	NSA60C60AQ
60	6.00	C100	6.1	77	80.3	89.5	122.3	11.90	NSA60B60AQ
80	6.00	C64	5.4	98	101.4	92.5	144.1	14.01	NSA80C60AQ
80	6.00	C100	6.1	98	101.4	92.5	144.1	15.20	NSA80B60AQ
100 *	6.00	C64	5.4	118	121.4	94.5	166.9	17.10	NSB10C60AQ
100	6.00	C100	6.1	118	121.4	94.5	166.9	18.90	NSB10B60AQ
125	6.00	C64	5.4	144	147.4	97.5	193.1	21.12	NSB12C60AQ
125	6.00	C100	6.4	144	147.4	97.5	193.1	24.20	NSB12B60AQ
150 *	6.00	C64	5.5	170	173.4	100.5	220.8	25.54	NSB15C60AQ
150	6.00	C100	7.4	170	173.4	100.5	220.8	32.32	NSB15B60AQ
200 *	6.00	C50	5.4	222	225.2	106.5	275.1	33.37	NSB20D60AQ
200	6.00	C64	6.5	222	225.2	106.5	275.1	38.60	NSB20C60AQ
250 *	6.00	C50	6.4	274	276.8	105.5	328.6	47.32	NSB25D60AQ
250	6.00	C64	7.8	274	276.8	105.5	328.6	55.48	NSB25C60AQ
300 *	6.00	C50	7.4	326	328.8	107.5	385.3	63.58	NSB30D60AQ
300	6.00	C64	8.9	326	328.8	107.5	385.3	74.00	NSB30C60AQ
350	6.00	C40	7.1	378	380.9	110.5	444.5	74.69	NSB35F60AQ
400 *	6.00	C40	7.8	429	431.9	112.5	494.6	91.50	NSB40F60AQ
450	6.00	C40	8.6	480	483	115.5	546.5	111.62	NSB45F60AQ
500	6.00	C40	9.3	532	535	117.5	600.9	131.70	NSB50F60AQ
600	6.00	C40	10.9	635	638.1	132.5	712	180.60	NSB60F60AQ

DN	Lu (m)	Class	e (mm)	ØDE (mm)	ØDI (mm)	P (mm)	ØB (mm)	Mass (kg/m)	References
700	6.96	C30	9.9	738	741.7	192	821.9	230.80	NSB70G70AQ
800	6.95	C30	11.1	842	845.8	197	935.6	256.30	NSB80G70AQ
800	6.95	C40	14	842	845.8	197	935.6	308.80	NSB80Q70AQ
900	6.95	C30	12.3	945	948.9	200	1043.4	314.33	NSB90G70AQ
1000	6.96	C30	13.4	1048	1052	203	1152.4	375.11	NSC10G70AQ

(*) These references also correspond to NATURAL FM pipes (see sheet IFMSP50STD501)

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 cement 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)

Main characteristics:

- Pressure class in conformity with Standard EN 545-2010 and ISO 2531-2009
- External BioZinalium® coating consists of two layers:
 - a layer of zinc-aluminium 85/15 alloy, enriched with copper, with a minimum surface density of 400g/m², 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: sulfate resisting blast furnace cement mortar
- Standard joint in alimentary elastomer EPDM (ACS, KTW, WRAS,...)
- Vi anchoring without bolts

Type of soils:

BioZinalium[®] 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).

Type of water:

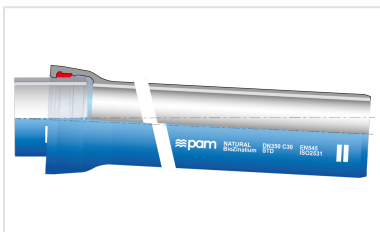
NATURAL[®] ductile iron pipes with internal coating of sulphate resisting blast furnace cement mortar are adapted to convey all types of drinking water in conformity with Directive EU 2020/2184.

In case of other type of water, please refer to below information:

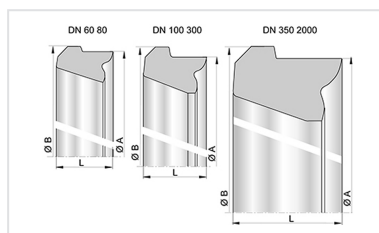
	Minimum value	Maximum value			
Parameter	pH	CO2 aggressive	Sulphate	Magnesium	Ammonium
Unit	-	mg/l	mg/l	mg/l	mg/l
Value	5,5	15	3000	500	30

Blast furnace cement mortar is a sulphate resisting cement (SRC).

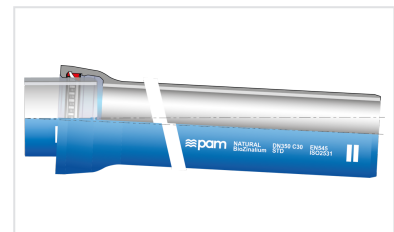
Linked products



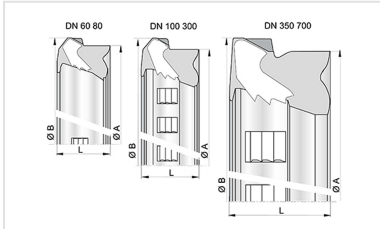
Kit Standard Pipe +
Standard Gasket



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.