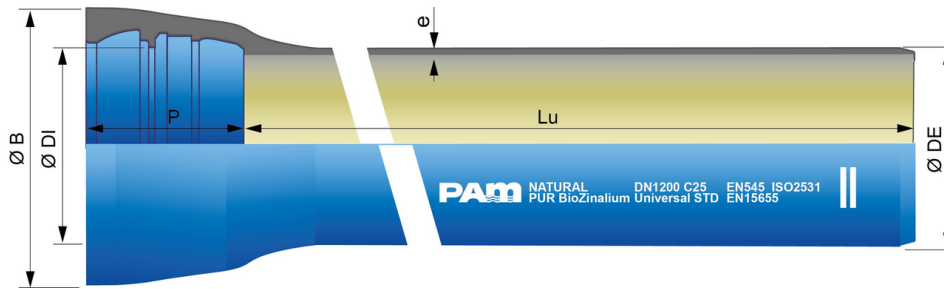


NATURAL PUR BioZinalium pipes DN100 to 600 with UNIVERSAL STANDARD socket



DN	Lu (m)	Class	e (mm)	ØDE (mm)	ØDI (mm)	P (mm)	ØB (mm)	Mass (kg/m)	References
100	5.97	C100	6.1	118	121.4	140	188	17.04	NGB10B60WQ
150	5.97	C64	6.2	170	173.4	148	230	29.01	NGB15C60WQ
200	5.97	C64	6.5	222	225.2	155	290	35.01	NGB20C60WQ
250	5.97	C50	6.8	274	276.8	166	350	46.16	NGB25D60WQ
300	5.97	C50	7.4	326	328.8	180	408	60.05	NGB30D60WQ
400	5.97	C40	8.1	429	431.9	176	510	85.44	NGB40F60WQ
500	5.97	C40	9.3	532	535	200	625	123.36	NGB50F60WQ
600	5.97	C40	10.9	635	638.2	209	740	169.36	NGB60F60WQ

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

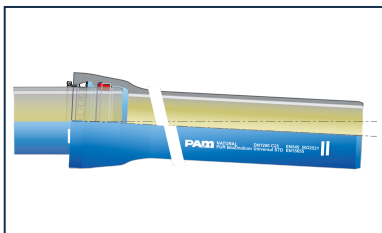
Type of soils:

BioZinalium[®] coating can be in contact with all type of soil, as defined in Annex D.2.2 of EN545:2010, except:

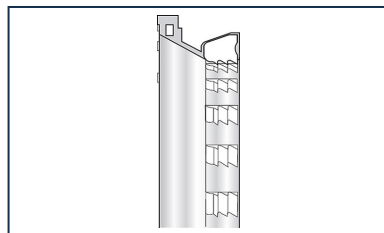
- peaty and acid soils
- soils containing wastes, scraps, ashes, slags or soils contaminated by industrial effluents or other wastes
- soils located under the level of the marine water table with a resistivity lower than 500 Ω cm

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).

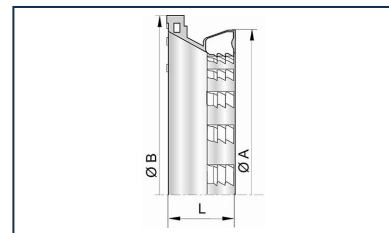
Linked products



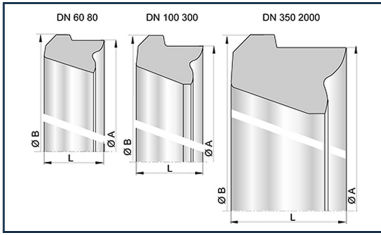
Kit Universal Standard
PUR Pipe + Universal
Standard Vi Joint



UNI STD Vi joint for Pipes
and Fittings DN80-700



UNI Vi Locked Ring
DN80-700



Standard gasket for Pipes and Fittings DN60-2000



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.