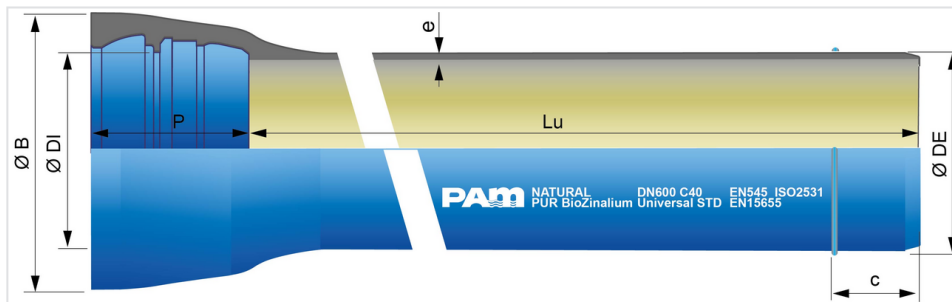


## NATURAL PUR BioZinalium pipes DN100 to 1600 with UNIVERSAL STANDARD socket + Weld bead Ve



DN	Lu (m)	Class	e (mm)	ØDE (mm)	ØDI (mm)	P (mm)	ØB (mm)	Bead position c (mm)	Mass (kg/m)	References
100	5.97	C100	6.1	118	121.4	140	188	90	17.04	NFB10B60WQ
150	5.97	C64	6.2	170	173.4	148	230	95	29.01	NFB15C60WQ
200	5.97	C64	6.5	222	225.2	155	290	100	35.01	NFB20C60WQ
250	5.97	C50	6.8	274	276.8	166	350	110	46.16	NFB25D60WQ
300	5.97	C50	7.4	326	328.8	180	408	115	60.05	NFB30D60WQ
400	5.97	C40	8.1	429	431.9	176	510	113	85.44	NFB40F60WQ
500	5.97	C40	9.3	532	535	200	625	125	123.36	NFB50F60WQ
600	5.97	C40	10.9	635	638.2	209	740	135	169.36	NFB60F60WQ
700	6.90	C30	10.8	738	741.7	250	855	158	198.99	NFB70G70WQ
800	6.90	C30	11.7	842	845.8	261	980	150	247.30	NFB80G70WQ
900	6.90	C30	12.6	945	948.9	280	1087	155	304.55	NFB90G70WQ
1000	6.90	C30	13.5	1048	1052	279.5	1191	165	354.40	NFC10G70WQ
1100	8.13	C30	14.7	1152	1168	284	1317.8	165	467.24	NFC11G80WQ
1200	8.15	C25	15.3	1255	1260	279.5	1415	170	478.21	NFC12H80WQ
1200	8.15	C30	16.5	1255	1260	279.5	1415	170	510.71	NFC12G80WQ
1400	8.09	C25	17.1	1462	1468.5	330	1640.1	190	629.20	NFC14H80WQ
1400	8.09	C30	20.8	1462	1468.5	330	1640.1	190	745.85	NFC14G80WQ
1500	8.09	C25	16.7	1565	1571.1	330	1758.1	192	676.43	NFC15H80WQ
1600	8.09	C25	17.7	1668	1674.2	330	1874	195	762.69	NFC16H80WQ

## 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
- c: weld bead position, 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 Zinalium 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,...)

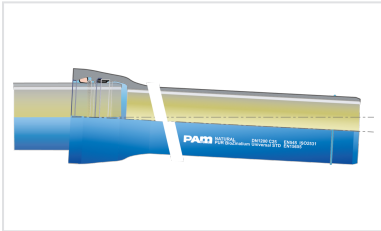
## Type of soils:

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).

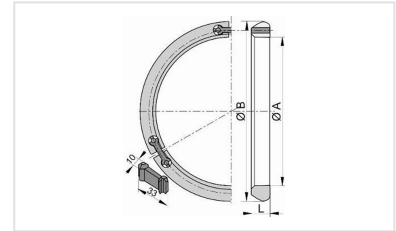
## Linked products



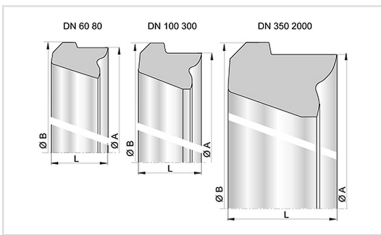
Kit Universal Standard Ve  
PUR Pipe + Universal  
Standard Ve Joint



UNI STD Ve joint for Pipes  
and Fittings DN80-1600



Locking Ring for UNI Ve  
joint DN80-1800



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.*