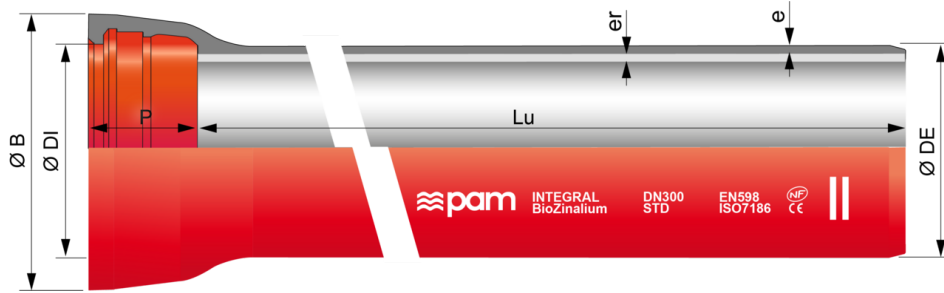


INTEGRAL BioZinalium pipes DN150 to 2000 with STANDARD socket



DN	Lu (m)	e (mm)	er (mm)	ØDE (mm)	ØDI (mm)	P (mm)	ØB (mm)	Mass (kg/m)	PFA	References
150	6.00	5	4	170	173.4	100.5	220.8	23.83	40 bar	TSB15S60BP
200	6.00	5.1	4	222	225.2	106.5	275.1	32.01	40 bar	TSB20S60BP
250	6.00	5.3	4	274	276.8	105.5	328.6	41.03	38 bar	TSB25S60BP
300	6.00	5.6	4	326	328.8	107.5	385.3	51.26	35 bar	TSB30S60BP
350	6.00	6	5	378	380.9	110.5	444.5	65.58	32 bar	TSB35S60BP
400	6.00	6.3	5	429	431.9	112.5	494.6	77.52	30 bar	TSB40S60BP
450	6.00	6.7	5	480	483	115.5	546.5	91.70	29 bar	TSB45S60BP
500	6.00	7	5	532	535	117.5	600.9	105.40	28 bar	TSB50S60BP
600	6.00	7.7	5	635	638.1	132.5	712	136.90	26 bar	TSB60S60BP
700	6.96	9.6	6	738	741.7	192	821.9	199.00	29 bar	TSB70E70BP
800	6.95	10.4	6	842	845.8	197	935.6	243.60	28 bar	TSB80E70BP
900	6.95	11.2	6	945	948.9	200	1043.4	291.50	27 bar	TSB90E70BP
1000	6.96	12	6	1048	1052	203	1152.4	343.10	26 bar	TSC10E70BP
1100	8.19	14.4	6	1152	1155.1	225	1263.7	441.46	29 bar	TSC11N80BP
1200	8.19	15.3	6	1255	1260	235	1373.7	508.65	29 bar	TSC12N80BP
1400	8.17	17.1	9	1462	1467.9	245	1592.1	683.64	28 bar	TSC14N80BP
1500	8.16	18	9	1565	1571.1	265	1709.8	769.08	27 bar	TSC15N80BP
1600	8.16	18.9	9	1668	1674.2	265	1815.9	857.02	27 bar	TSC16N80BP
1800	8.15	20.7	9	1875	1881.5	275	2032.2	1042.20	27 bar	TSC18N80BP
2000	8.13	22.5	9	2082	2088.8	290	2259	1249.00	26 bar	TSC20N80BP

Legend:

- DN: nominal diameter
- Lu: laying length, in m
- e: thickness according to EN598 + A1 – August 2009, in mm
- er: thickness of the cement mortar, in mm
- ØDE: external nominal diameter of the barrel according to EN598 + A1 – August 2009, 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 meter (including cement coating and socket), determined with the nominal thickness, in kg/m
- Reference: commercial reference Saint-Gobain PAM

Field of use:



- Separate sewer system and combined sewer system
- Application: gravity flow and rising main sewerage systems
- Type of effluent: domestic wastewater and rainwater
- Perfectly watertight
- For effluents between pH4 and pH12
- For the soils with $6 < \text{pH} < 9$
- Majority of the soils, except the acid peaty and polluted soils
- Suitable for clay soils
- Resistivity of the soils: please refer to above drawing

Main characteristics:

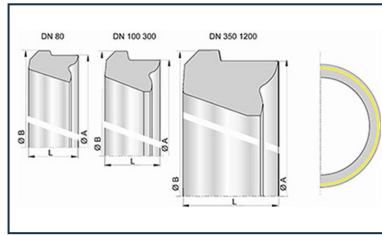
- External coating ^{BiO}Zinalium: a layer of zinc-aluminium alloy enriched with copper Zn85Al15 (Cu), with surface density of 400 g/m^2 covered with a protective red (RAL 3011) layer AQUACOAT $80 \mu\text{m}$ (mini average), without VOC and without BPA.
- Internal lining: aluminous cement mortar CALCOAT

- Socket coating: zinc rich paint 40 μm or zinc-aluminium 200 g/m^2 + red AQUACOAT 160 μm (mini average)
- Spigot coating: zinc-aluminium (Cu) 400 g/m^2 + red AQUACOAT 160 μm (mini average)
- Standard Gasket in Nitrile
- EN 598 / CE Marking
- NF mark
- Declaration of performances [DoP-INTEGRAL005EN](#)
- Designed in accordance with applicable regulations:
 - NF EN 476: general stipulations regarding components used in systems
 - NF EN 752: design of sewerage projects
 - NF EN 1610: acceptance of structures
 - CCTG: Fascicule 70 (sewage work)

Linked products



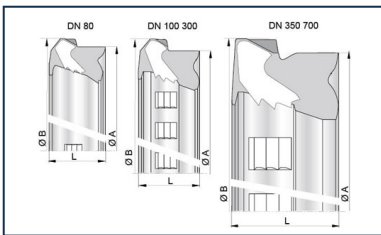
Kit Standard INTEGRAL
Pipe + Standard Gasket



Nitrile STD Gasket
DN80-2000



Kit Standard INTEGRAL
Pipe + Standard Vi Gasket



Gasket ViLoK® (NBR STD
Vi) DN80-700



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.