

INTEGRAL BioZinalium pipes DN150 to 2000 with STANDARD socket

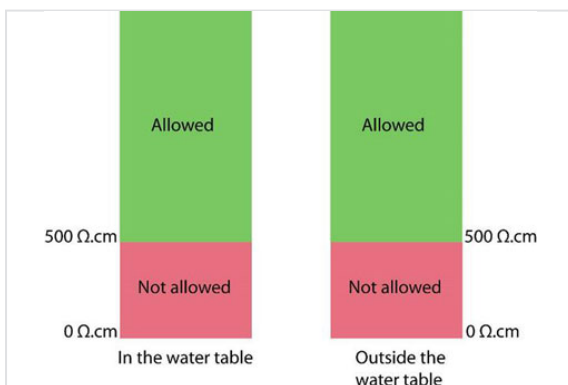


DN	Lu (m)	e (mm)	er (mm)	ØDE (mm)	ØDI (mm)	P (mm)	ØB (mm)	Mass (kg/m)	PFA	References
150	6.00	5	4	170	173.4	100.5	220.8	23.83	40 bar	TSB15S60BP
200	6.00	5.1	4	222	225.2	106.5	275.1	32.01	40 bar	TSB20S60BP
250	6.00	5.3	4	274	276.8	105.5	328.6	41.03	38 bar	TSB25S60BP
300	6.00	5.6	4	326	328.8	107.5	385.3	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

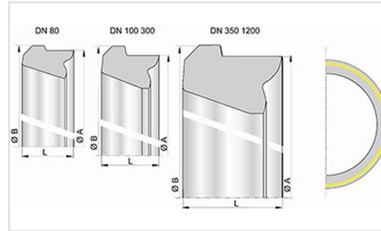
Main characteristics:

- External coating ^{Bio}Zinalium: a layer of zinc-aluminium alloy enriched with copper Zn85Al15 (Cu), with surface density of 400 g/m² covered with a protective red (RAL 3011) layer AQUACOAT 80 µm (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/m² + red AQUACOAT 160 µm (mini average)
- Spigot coating: zinc-aluminium (Cu) 400 g/m² + 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



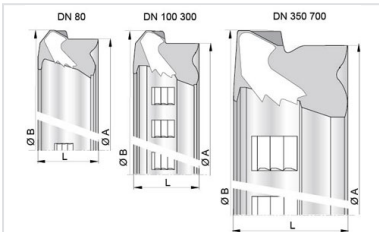
Kit Standard INTEGRAL
Pipe + Standard Gasket



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

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