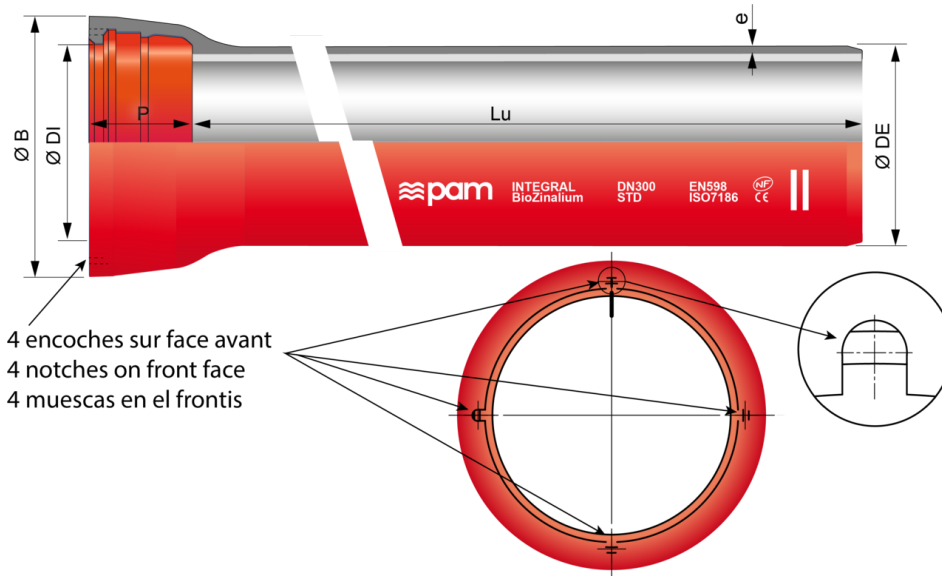


INTEGRAL BioZinalium pipes with notches (CONTROL+) DN150 to 1000 with STANDARD socket



DN	Lu (m)	e (mm)	er (mm)	ØDE (mm)	ØDI (mm)	P (mm)	ØB (mm)	PFA	Mass (kg/m)	References
150	6.00	5	4	170	173.4	100.5	220.8	40 bar	23.83	TSB15S60BPV
200	6.00	5.1	4	222	225.2	106.5	275.1	40 bar	32.01	TSB20S60BPV
250	6.00	5.3	4	274	276.8	105.5	328.6	38 bar	41.03	TSB25S60BPV
300	6.00	5.6	4	326	328.8	107.5	385.3	35 bar	51.26	TSB30S60BPV
350	6.00	6	5	378	380.9	110.5	444.5	32 bar	65.58	TSB35S60BPV
400	6.00	6.3	5	429	431.9	112.5	494.6	30 bar	77.52	TSB40S60BPV
450	6.00	6.7	5	480	483	115.5	546.5	29 bar	91.70	TSB45S60BPV
500	6.00	7	5	532	535	117.5	600.9	28 bar	105.40	TSB50S60BPV
600	6.00	7.7	5	635	638.1	132.5	712	26 bar	136.90	TSB60S60BPV
700	6.96	9.6	6	738	741.7	192	821.9	29 bar	199.00	TSB70E70BPV
800	6.95	10.4	6	842	845.8	197	935.6	28 bar	243.60	TSB80E70BPV
900	6.95	11.2	6	945	948.9	200	1043.4	27 bar	291.50	TSB90E70BPV
1000	6.96	12	6	1048	1052	203	1152.4	26 bar	343.10	TSC10E70BPV

(*) DN700, DN900, DN1000: please contact us

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:



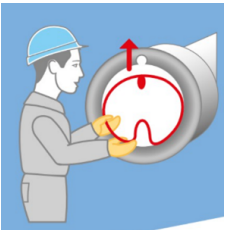
- Separate sewer system and combined sewer system
- Application: gravity flow and rising main sewerage systems
- Type of effluent: domestic wastewater and rainwater
- Perfectly watertight
- For effluents between pH4 and pH12
- For the soils with $6 < \text{pH} < 9$
- Majority of the soils, except the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

Main characteristics:

- External coating BIOZINALIUM: 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 $40 \mu\text{m}$ or zinc-aluminium 200 g/m^2 + red AQUACOAT $160 \mu\text{m}$ (mini average)

- Spigot coating: zinc-aluminium (Cu) 400 g/m² + red AQUACOAT 160 µm (mini average)
- SUREJOINT 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)

Fitting a SUREJOINT gasket



When installing the SUREJOINT STANDARD Gasket:

- Bend manually the joint to form a hart, having the connecting nozzle opposite of your hands.
- Begin the gasket positioning in the socket groove by introducing the nozzle in a notch of the pipe front face.
- Choose one notch on the upper section of pipe, in order that the nozzle remains accessible when in the trench.
- Continue the joint installation as usual with Standard one.

[User guide: Standard Gasket SUREJOINT Testing device](#)

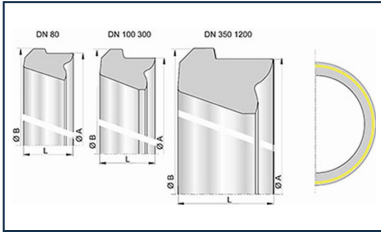
SUREJOINT quality check

The use of SUREJOINT Standard gasket, with the SUREJOINT Integral pipe, gives an immediate opportunity to check the integrity of the joint during installation. The check can detect any major defects during the jointing of the pipe, allowing any remedial work to be carried out straight away.

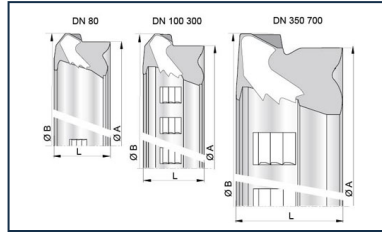
Checking of the joint is made by using the SUREJOINT testing device.

For full instructions of how to use SUREJOINT please refer to the Installation manual.

Linked products



Nitrile STD Gasket
DN80-2000



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.