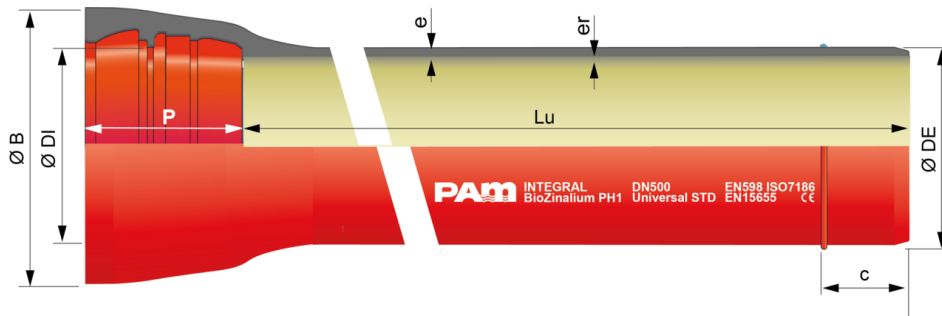


INTEGRAL PH1 BioZinalium pipes DN250 to 800 with UNIVERSAL STANDARD socket + Weld bead Ve

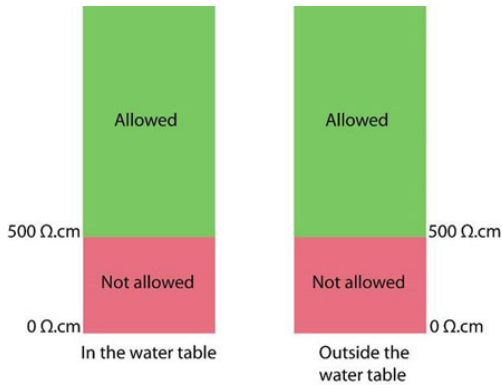


DN	Lu (m)	e (mm)	er (mm)	ØDE (mm)	ØDI (mm)	P (mm)	ØB (mm)	Bead position c (mm)	Mass (kg/m)	References
250	5.97	6.8	1.6	6,8	276.8	166	350	110	45.98	TFB25N60VP
500	5.97	9.3	1.6	532	535	200	625	125	139.30	TFB50N60VP
700	6.90	10.8	1.8	738	741.7	250	855	158	190.00	TFB70G70VP
800	6.90	11.7	1.8	842	845.8	261	980	150	247.30	TFB80G70VP

Legend:

- DN : nominal diameter
- Lu : laying length, in m
- e: thickness according to EN598 + A1 - August 2009, in mm
- er: thickness of the polyurethane, according to NF EN 15655 - March 2009, 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 polyurethane coating and socket), determined with the nominal thickness, in kg/m
- Reference : commercial reference Saint-Gobain PAM

Field of use:

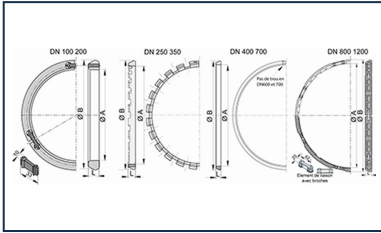


- Separate sewer system and combined sewer system
- Application: gravity flow and rising main sewerage systems
- Type of effluent: domestic wastewater and rainwater
- Perfectly watertight
- For effluents between pH1 and pH13
- For the soils with $6 < \text{pH} < 9$
- Majority of the soils, except the acid peaty and polluted soils
- Suitable for clay soils
- Resistivity of the soils:

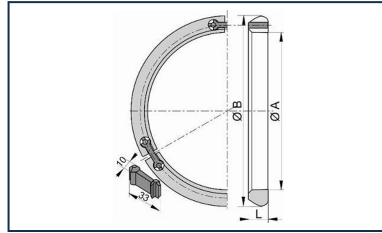
Main characteristics:

- 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: polyurethane
- Spigot and socket coating: reinforced red epoxy paint 300 microns (mini average)
- Standard Gasket in Nitrile
- EN 598 / EN 15655 / 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

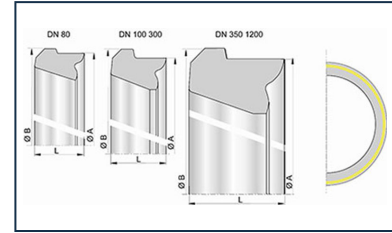
Linked products



UNI STD Ve joint for INTEGRAL® Pipes and Fittings DN100-1600



Locking Ring for UNI Ve joint DN80-1800



Nitrile STD Gasket DN80-2000



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.