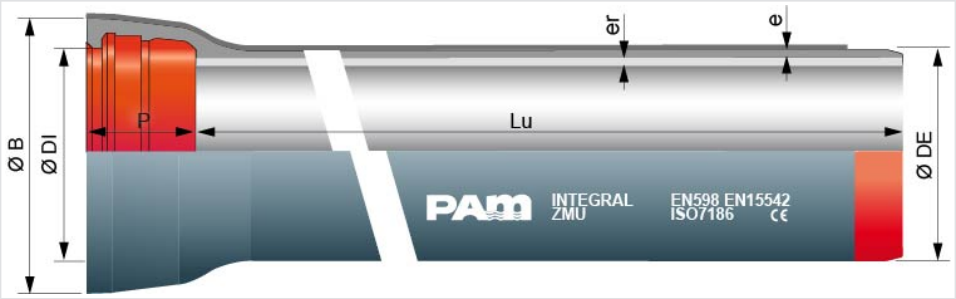
INTEGRAL ZMU pipes DN150 to 1200 with STANDARD socket



DN	Lu (m)	e (mm)	er (mm)	e1 (mm)	ØDE (mm)	ØDI (mm)	P (mm)	ØB (mm)	Mass (kg/m)	PFA	References
150	6.00	5	4	5	170	173.4	100.5	220.8	29.20	40 bar	266075
200	6.00	5.4	4	5	222	225.2	106.5	275.1	40.40	40 bar	266078
250	6.00	5.3	4	5	274	276.8	105.5	352	49.80	38 bar	204627
300	6.00	5.6	4	5	326	328.8	107.5	409.2	61.70	35 bar	209925
350	6.00	6	5	5	378	380.9	110.5	464.2	77.60	32 bar	209926
400	6.00	6.3	5	5	429	431.9	112.5	516.2	91.20	30 bar	209927
500	6.00	7	5	5	532	535	117.5	629.2	122.30	28 bar	209929
600	6.00	7.7	5	5	635	638.1	132.5	738.5	157.00	26 bar	209930
700	6.96	9.6	6	5	738	741.7	192	821.9	222.40	29 bar	DSB70E70B4
800	6.95	10.4	6	5	842	845.8	197	935.6	270.40	28 bar	DSB80E70B4
900	6.95	11.2	6	5	945	948.9	200	1043.4	321.60	27 bar	DSB90E70B4
1000	6.96	12	6	5	1048	1052	203	1152.4	376.60	26 bar	DSC10E70B4
1200	6.93	15.3	6	5	1255	1260	235	1373.7	554.00	29 bar	DSC12N70B4

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
- e1: external thickness of ZMU coating, in mm (cement mortar with acrylic fibers and resin)
- 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

Saint-Gobain PAM Canalisation
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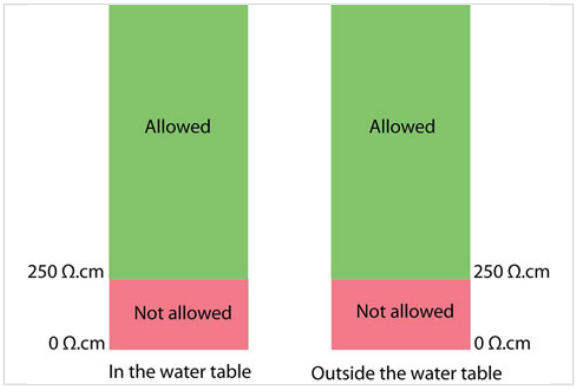
- Mass: total mass per meter (including cement coating and socket), determined with the nominal thickness, in kg/m
- Reference: commercial reference Saint-Gobain PAM

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 most of the soils, including rocky soils, those pipes can be laid with the native soils backfill.
- Resistivity of the soils:

Main characteristics:

- External coating: 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 + grey cement mortar ZMU with polymeric additiv and reinforced with PE fibers
- Internal lining: aluminous cement mortar CAL
- 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 681-1, WG type
- EN 598 / CE Marking
- 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

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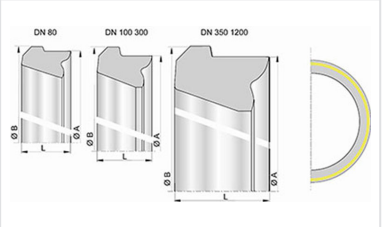
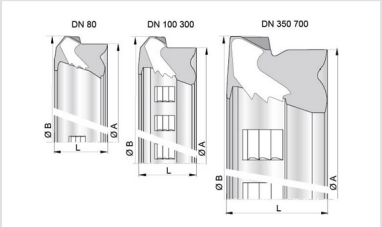
Linked products

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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