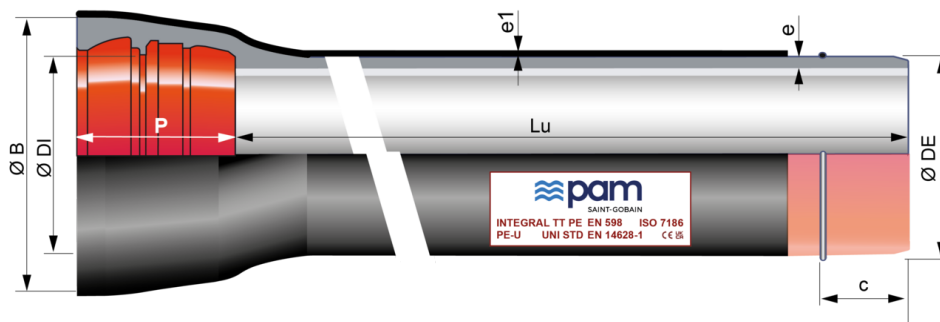


INTEGRAL TT PE pipes DN150 to 1000 with UNIVERSAL STANDARD socket + Weld bead Ve



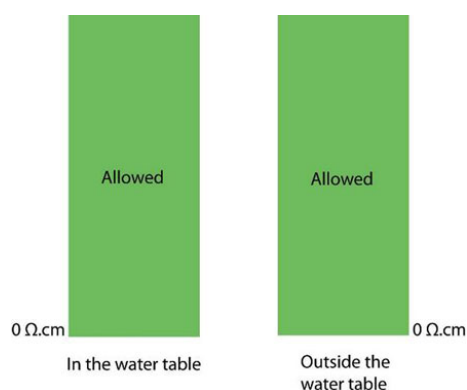
DN	Lu (m)	e (mm)	e1 (mm)	ØDE (mm)	ØDI (mm)	P (mm)	ØB (mm)	Bead position c (mm)	Mass (kg/m)	PFA	References
150	5.97	6.2	2	170	173.4	148	230	95	29.90	60 bar	TFB15N60BG
200	5.97	6.5	2	222	225.2	155	290	100	41.30	52 bar	TFB20N60BG
250	5.97	6.8	2	274	276.8	166	350	110	53.80	46 bar	TFB25N60BG
300	5.97	7.4	2.2	326	328.8	180	408	115	69.50	41 bar	TFB30N60BG
350	5.97	7.7	2.2	378	380.9	184	463	115	85.80	38 bar	TFB35N60BG
400	5.97	8.1	2.2	429	431.9	176	510	113	100.90	35 bar	TFB40N60BG
450	5.97	8.6	2.2	480	483	190	570	120	120.40	32 bar	TFB45N60BG
500	5.97	9.3	2.5	532	535	200	625	125	143.00	30 bar	TFB50N60BG
600	5.97	10.9	2.5	635	638.2	209	740	135	192.90	30 bar	TFB60N60BG
700	6.90	10.8	2.5	738	741.7	250	855	158	239.48	27 bar	TFB70N70BG
800	6.90	11.7	3	842	845.8	261	980	150	294.84	25 bar	TFB80N70BG
900	6.90	12.6	3	945	948.9	280	1087	155	319.26	25 bar	TFB90N70BG
1000	6.90	13.5	3	1048	1052	279.5	1191	165	413.47	25 bar	TFC10N70BG

Legend:

- DN : nominal diameter
- Lu : laying length, in m
- e: thickness according to EN598 + A1 – August 2009, in mm
- e1: according to EN14626, 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
- Extremely corrosive soils ; storage in warm countries is not recommended
- Resistivity of the soils: see drawing

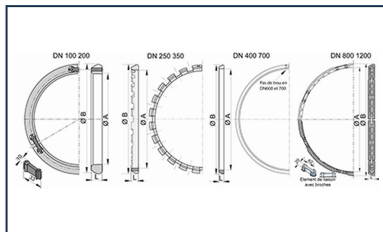
Main characteristics:

- 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 polyethylene according to NF EN 14628-2006 (DN80 to 500: extrusion method by tubing - DN500 to 700: extrusion method by wrapping)
- 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
- 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

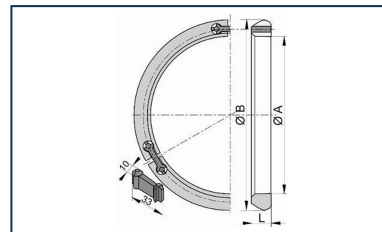
Linked products



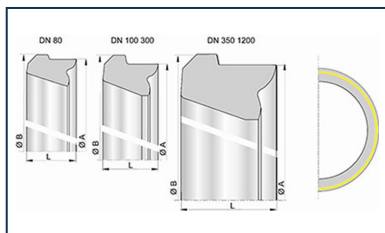
Kit Universal Standard Ve
INTEGRAL Pipe +
Universal Standard Ve
Joint



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



Locking Ring for UNI Ve
joint DN80-1800



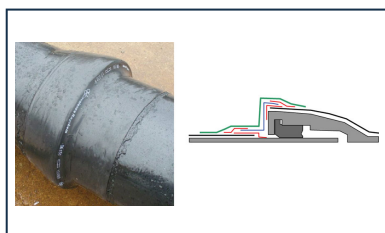
Nitrile STD Gasket
DN80-2000



Lubricating paste -
BLUPAM



Lubricating paste -
NATURAL, INTEGRAL,
and PLUVIAL ranges



Assembly of the
aluminium sleeve on TT
pipes

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.