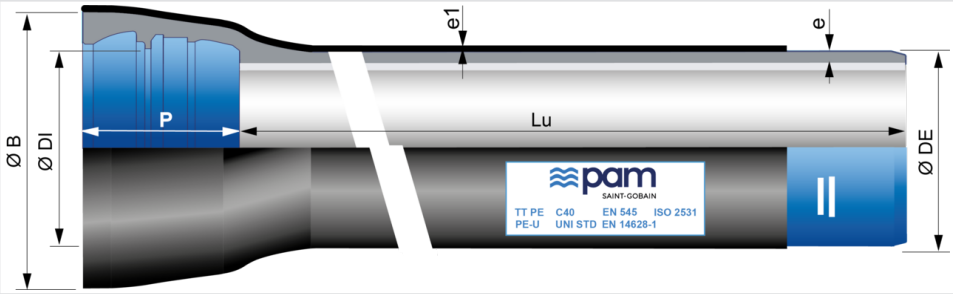
TT PE pipes DN80 to 700 with UNIVERSAL STANDARD socket



DN	Lu (m)	Class	e (mm)	e1 (mm)	ØDE (mm)	ØDI (mm)	P (mm)	ØB (mm)	Mass (kg/m)	References
80	5.97	C100	6.1	1.8	98	101.4	143	158	16.40	SGA80N60AG
100	5.97	C100	6.1	1.8	118	121.4	140	188	20.10	SGB10N60AG
125	5.97	C64	6.1	2	144	147.4	148	203	24.90	SGB12N60AG
150	5.97	C64	6.2	2	170	173.4	148	230	29.90	SGB15N60AG
200	5.97	C64	6.5	2	222	225.2	155	290	41.30	SGB20N60AG
250	5.97	C50	6.8	2	274	276.8	166	350	53.80	SGB25N60AG
300	5.97	C50	7.4	2.2	326	328.8	180	408	69.50	SGB30N60AG
350	5.97	C40	7.7	2.2	378	380.9	184	463	85.80	SGB35N60AG
400	5.97	C40	8.1	2.2	429	431.9	176	510	100.90	SGB40N60AG
450	5.97	C40	8.6	2.2	480	483	190	570	120.20	SGB45N60AG
500	5.97	C40	9.3	2.5	532	535	200	625	143.00	SGB50N60AG
600	5.97	C40	10.9	2.5	635	638.2	209	740	192.90	SGB60N60AG
700	6.90	C30	10.8	2.5	738	741.7	250	855	231.69	SGB70G70AG

Legend:

- DN: nominal diameter
- Lu: laying length, in m
- Class: pressure class according to EN 545 and ISO 2531
- e: nominal thickness according to ISO 2531, in mm
- e1: thickness of polyethylene according to EN 14628-1
- ØDE: external nominal diameter of the barrel according to EN 545 and ISO 2531, 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
21, avenue Camille Cavallier - BP 129 | 54705 PONT-A-MOUSSON CEDEX | FRANCE
Tel : (33) 03 83 80 67 89 | E-mail : Pamline@saint-gobain.com | pamline.fr

- Mass: total mass per metre (including cement coating and socket), determined with the nominal thickness, in kg/m
- Reference: commercial reference Saint-Gobain PAM
- Marking sticker can be different depending on DN

Field of use:

- **Soils characteristics**:
  Ductile iron pipes coated with TT PE may be buried in contact with a large number of soils, normal and highly corrosive soils (low resistivity soil, mixed soils, polluted soils...), also in soils with occurrence of stray currents. Please refer to the informative annex D of EN545.
- **Water characteristics**:
  Ductile iron pipelines supplied with lining sulfate resisting blast furnace cement mortar may be used to convey all types of water intended for human consumption in conformity with the Directive 98/83/EC. For other types of water, the limits of use are as given in below Table. Please refer to the informative annex E of EN545.

	Minimum value	Maximum value			
Parameter	pH	CO2 aggressive	Sulphate	Magnesium	Ammonium
Unit	-	mg/l	mg/l	mg/l	mg/l
Value	5,5	15	3000	500	30

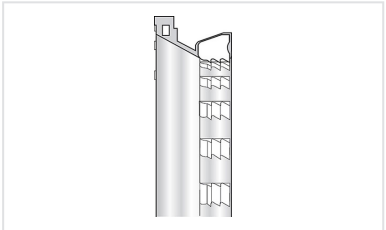
Main characteristics:

- Pressure class in conformity with Standard EN 545-2010 and ISO 2531-2009
- External coating with 2 barriers, in accordance with EN14628-1:2020 (option PE-G):
  - Back barrier: a metallic layer of ZnAl(Cu) 85/15 alloy (mini surface density 400 g/m²) applied by spraying molten metal on to the surface of the ductile iron + finishing acrylic layer (Aquacoat)
  - Front barrier: a continuous thick organic layer of extruded PE + hot melt adhesive layer applied on the back barrier, standard thickness according to DN (table 2 of EN14628-1)
- Internal coating: sulfate resisting blast furnace cement mortar
- EPDM rubber gasket suitable for contact with drinking water (ACS, KTW, WRAS,...)
- Restraining possible with STD Vi joint (without bolts)

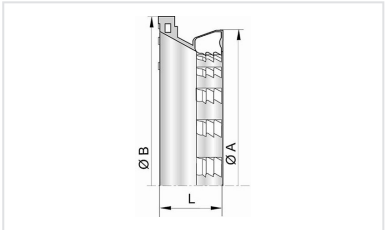
Saint-Gobain PAM Canalisation
21, avenue Camille Cavallier - BP 129 | 54705 PONT-A-MOUSSON CEDEX | FRANCE
Tel : (33) 03 83 80 67 89 | E-mail : Pamline@saint-gobain.com | pamline.fr

Linked products

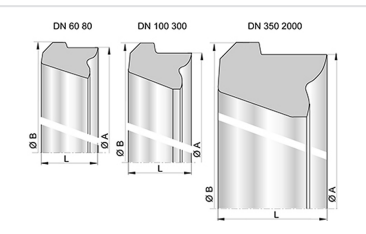
Kit Universal Standard TT PE Pipe + Universal Standard Vi Joint



UNI STD Vi joint for Pipes and Fittings DN80-700



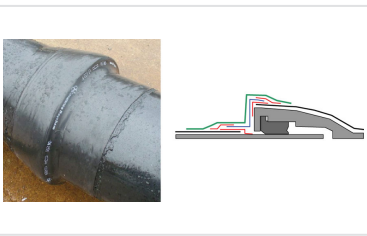
UNI Vi Locked Ring DN80-700



Standard gasket for Pipes and Fittings DN60-2000

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.

Saint-Gobain PAM Canalisation
21, avenue Camille Cavallier - BP 129 | 54705 PONT-A-MOUSSON CEDEX | FRANCE
Tel : (33) 03 83 80 67 89 | E-mail : Pamline@saint-gobain.com | pamline.fr