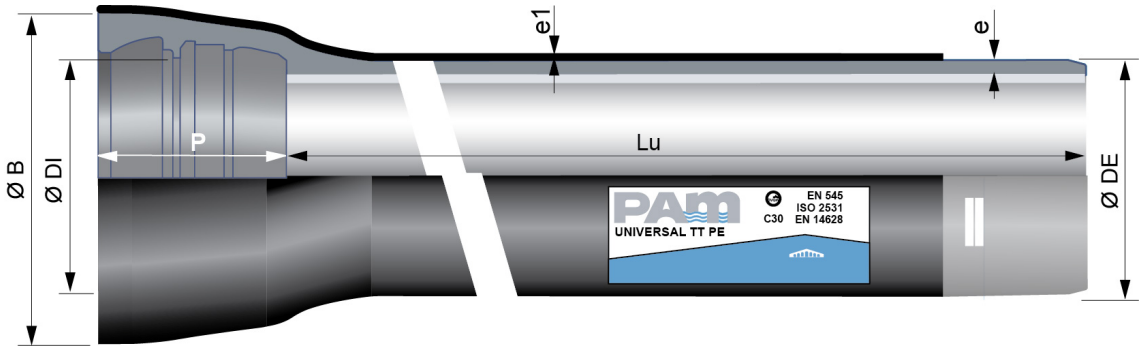
natural **DRINKING WATER** DN 80 to 600	PAM SAINT-GOBAIN	10/24/2016 **ENATE65UVI518**

Universal Standard TT PE Pipe with Standard Vi Joint DN80-600



DN	Lu	Class	e	e1	Ø DE	Ø DI	P	Ø B	Mass	References
mm	*m*		*mm*	*mm*	*mm*	*mm*	*mm*	*mm*	*kg/m*	
80	5,970	C100	6,1	1,8	97,8	101,4	143	158	16,100	SGA80N60AG
100	5,970	C100	6,1	1,8	117,8	121,4	140	188	19,900	SGB10N60AG
125	5,970	C64	6,1	2,0	143,7	147,4	148	203	24,700	SGB12N60AG
150	5,970	C64	6,2	2,0	169,7	173,4	148	230	29,300	SGB15N60AG
200	5,970	C64	6,5	2,0	221,6	225,2	155	290	40,400	SGB20N60AG
250	5,970	C50	6,8	2,0	273,0	276,8	166	350	53,800	SGB25N60AG
300	5,970	C50	7,4	2,2	324,9	328,8	180	408	68,000	SGB30N60AG
350	5,970	C40	7,7	2,2	376,8	380,9	184	463	85,092	SGB35N60AG
400	5,970	C40	8,1	2,2	427,7	431,9	176	510	100,503	SGB40N60AG
450	5,970	C40	8,6	2,2	478,6	483,0	190	570	118,760	SGB45N60AG
500	5,970	C40	9,3	2,5	530,5	535,0	200	625	143,100	SGB50N60AG
600	5,970	C40	10,9	2,5	633,3	638,2	209	740	192,400	SGB60N60AG

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
- 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
- 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:

- For specific soils (maritime, acid, polluted, isolated current)

Main characteristics:

- Pressure class in conformity with Standard EN 545-2010 and ISO 2531-2009
- External coating:
  - on the barrel : zinc 200 g/m² + polyethylene according to NF EN 14628-2006,
  - on the spigot : zinc epoxy + black epoxy
- Internal coating: sulfate resisting blast furnace cement mortar
- Standard joint in alimentary elastomer EPDM (ACS, KTW, WRAS,…)
- Vi anchoring without bolts

Type of water

NATURAL® ductile iron pipes with internal coating of sulphate resisting blast furnace cement mortar are adapted to convey all types of drinking water in conformity with Directive 98/83/CE.

In case of other type of water, please refer to below information:

	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

Blast furnace cement mortar is a sulphate resisting cement (SRC).