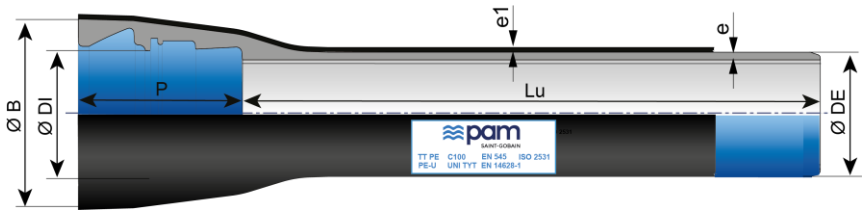
TT PE pipes DN80 to 300 with UNIVERSAL TYTON socket



DN	Lu (m)	Klasse	e (mm)	e1 (mm)	ØDE (mm)	ØDI (mm)	P (mm)	ØB (mm)	Masse (kg/m)	Artikel-Nr.
80	5,97	C100	4,7	1,8	98	100,5	143	158	15,80	205459
100	5,97	C100	4,7	1,8	118	120,5	140	188	19,60	178132
125	5,97	C64	4,7	2	144	146,5	148	203	24,60	177866
150	5,97	C64	4,7	2	170	172,5	148	230	28,90	178133
200	5,97	C64	5	2	222	224,5	155	290	39,90	177895
250	5,97	C50	5,2	2	274	276,5	166	350	53,10	178134
300	5,97	C50	5,8	2,2	326	328,5	180	408	67,50	178135

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
- 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

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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 Uni Vi gasket (without bolts)

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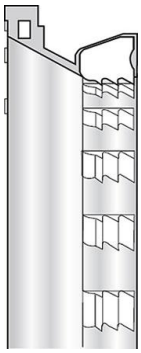
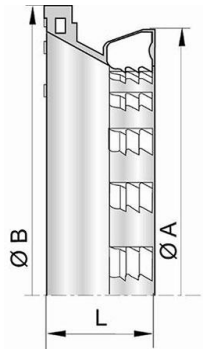
Linked products



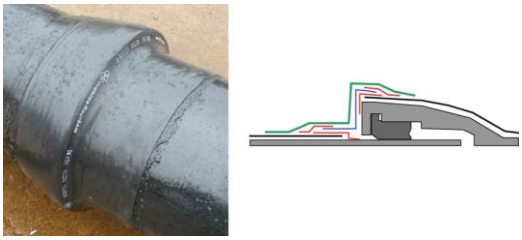
[UNI STD Vi joint for Pipes ...]



[UNI Vi Locked Ring DN80-700]

[Lubricating paste - BLUPAM]

[Lubricating paste - NATURAL...]



[Assembly of the aluminium s...]

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