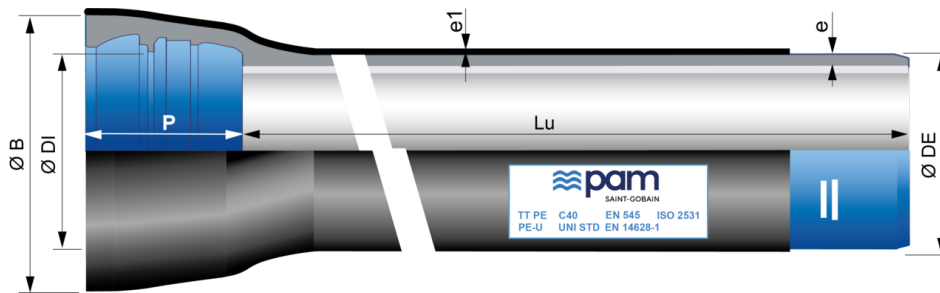


TT PE pipes DN80 to 700 with UNIVERSAL STANDARD socket



| 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
- 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 |

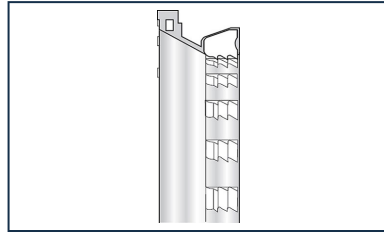
Main characteristics:

- 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)

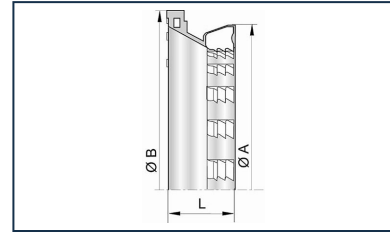
Linked products



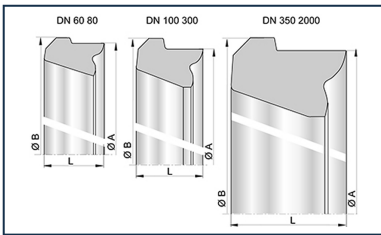
Kit Universal Standard TT PE Pipe + Universal Standard Vi Joint



UNI STD Vi joint for Pipes and Fittings DN80-700



UNI Vi Locked Ring DN80-700



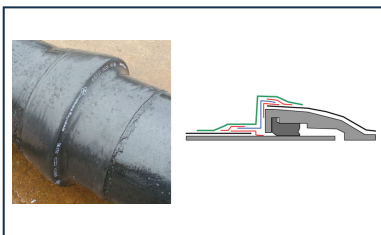
Standard gasket for Pipes and Fittings DN60-2000



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.