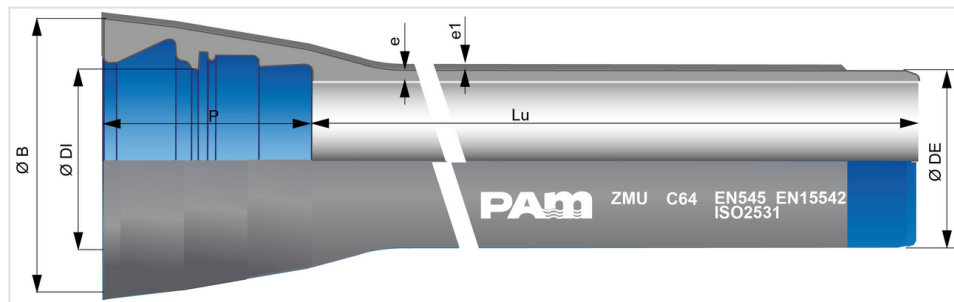


ZMU pipes DN80 to 300 with UNIVERSAL TYTON socket



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	5	98	100.5	143	158	19.10	177867
100	5.97	C100	6.1	5	118	120.5	140	188	23.30	177821
125	5.97	C64	6.1	5	144	146.5	139.9	203	28.60	177865
150	5.97	C64	6.2	5	170	172.5	148	230	34.40	177797
200	5.97	C64	6.5	5	222	224.5	155	290	47.00	177805
250	5.97	C50	6.8	5	274	276.5	166	350	60.90	177768
300	5.97	C50	7.4	5	326	328.5	180	408	77.60	177781

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: external thickness of ZMU coating, in mm (cement mortar with acrylic fibers and resin) according to EN15542
- 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

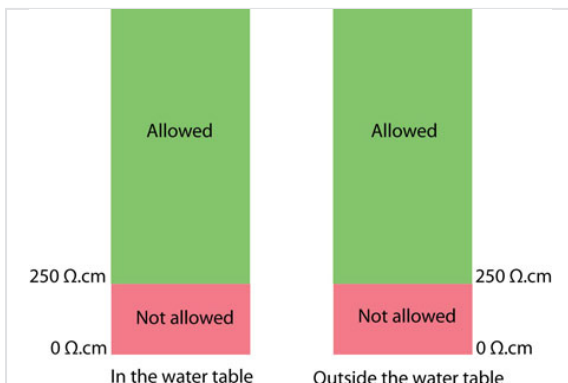
Field of use:

- For drinking water supply networks

Main characteristics:

- Joint in alimentary elastomer EPDM (ACS, KTW, WRAS,...)
- External coating: a layer of zinc-aluminium 85/15 alloy, enriched with copper, with a minimum surface density of 400g/m², applied by spraying molten metal onto the surface of the iron, using an electric arc spray gun, from ZnAl (Cu) alloy wire + a protective layer of Aquacoat (semi-permeable), a water-based blue acrylic of average thickness 80 microns applied using a spray gun + cement mortar ZMU with polymeric additiv and reinforced with PE fibers
- Internal coating: sulfate resisting blast furnace cement mortar
- ZMU pipes are in conformity with EN 545
- ZMU coating in conformity with EN 15542

Type of soils:



ZMU coating can be in contact with nearly all types of soil. Please consider the following matrix based upon resistivity of soils. In case of doubt, please advise.

Type of water:

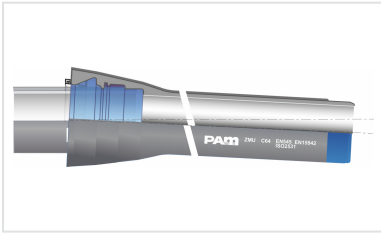
Ductile iron pipes with internal coating of sulphate resisting blast furnace cement mortar (SRC) are adapted to convey all types of drinking water in conformity with Directive EU 2020/2184.

In case of other type of water, please refer to below information to check the compatibility with cement mortar.

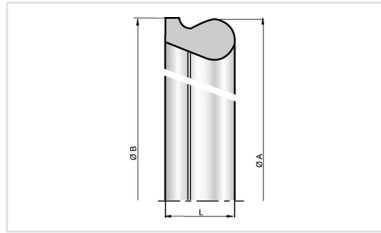
	Minimum value	Maximum value			
Parameter	pH	CO2 aggressive	Sulphate	Magnesium	Ammonium
Unit	-	mg/l	mg/l	mg/l	mg/l
Value	5,5	15	3000	500	30

Other cement lining also available on request.

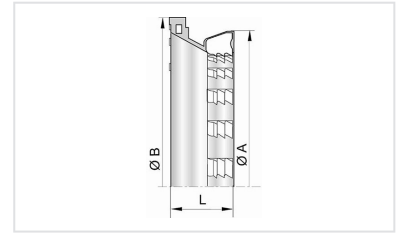
Linked products



Kit Universal Tyton ZMU
Pipe + Universal Tyton Vi
Joint



TYT Gasket for TYT Pipes
and Fittings DN80-300



UNI Vi Locked Ring
DN80-700



Lubricating paste -
BLUPAM



Lubricating paste -
NATURAL, INTEGRAL, and
PLUVIAL ranges

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.