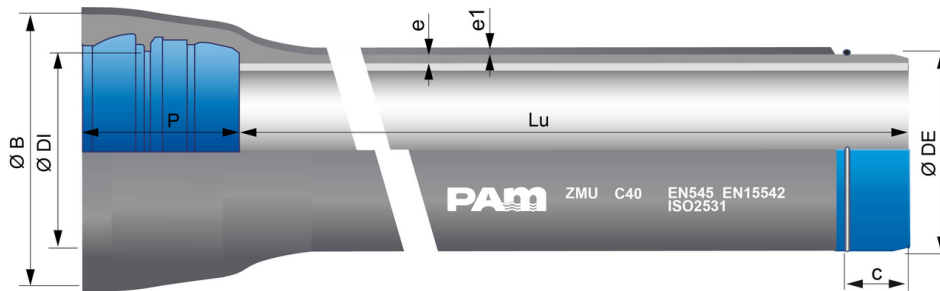


ZMU pipes DN350 to 1000 with UNIVERSAL STANDARD socket + Weld bead Ve



DN	Lu (m)	Class	e (mm)	e1 (mm)	ØDE (mm)	ØDI (mm)	P (mm)	ØB (mm)	Bead position c (mm)	Mass (kg/m)	References
350	5.97	C40	7.7	5	378	380.9	184	473	115	95.30	208001
400	5.97	C40	8.1	5	429	431.9	176	520	113	111.60	209812
500	5.97	C40	9.3	5	532	535	200	635	125	155.80	185608
600	5.97	C40	10.9	5	635	638.2	209	750	135	208.10	185590
700	6.90	C30	10.8	5	738	741.7	250	855	158	249.30	DFB70G70
800	6.90	C30	11.7	5	842	845.8	261	980	150	304.80	DFB80G70
900	6.90	C30	12.6	5	945	948.9	280	1087	155	369.10	DFB90G70
1000	6.90	C30	13.5	5	1048	1052	279.5	1191	165	426.10	DFC10G70

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
- c: weld bead position, 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

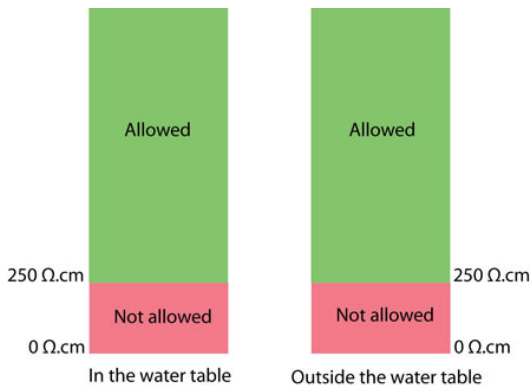
Field of use:

- 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.

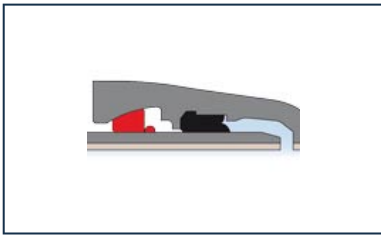
In case of other type of water, please refer to below information to check the compatibility with cement mortar.

	Minimum value	Maximum value			
Parameter	pH	CO2 aggressive	Sulphate	Magnesium	Ammonium
Unit	-	mg/l	mg/l	mg/l	mg/l

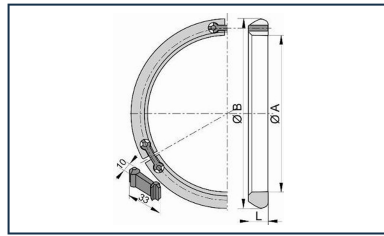
	Minimum value	Maximum value			
Value	5,5	15	3000	500	30

Other cement lining also available on request.

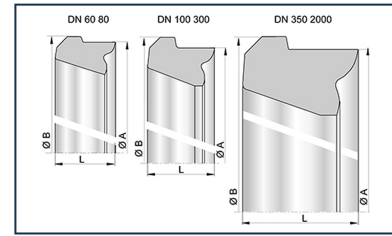
Linked products



Kit Universal Standard Ve ZMU Pipe + Universal Standard Ve Joint



Locking Ring for UNI Ve joint DN80-1800



Standard gasket for Pipes and Fittings DN60-2000



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.