

NATURAL HP FM BioZinalium pipes DN100 to 400 with STANDARD socket



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
- 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:

- Any fire protection networks, restrained or not, buried
- Installation in any industrial sites or any works of civil engineering

Main characteristics:

- Pressure strength tested according to FM Approval Class Number 1610 referential:
 - Specific watertightness test of joints and assembling, under angular deflection and axial gap maxi at 2 times the minimum FM test pressure of 12 bar.
 - Specific mechanical resistance test of the assembling, under angular deflection maxi at 4 times the minimum FM test pressure of 12 bar.
- FM Approval (Factory Mutual System)
- External coating BioZinalium®: a layer of zinc-aluminium 85/15 alloy, enriched with copper, with a minimum surface density of 400g/m² plus a protective layer of Aquacoat (semi-permeable), a water-based blue acrylic of average thickness 80 microns
- Internal coating: sulfate resisting blast furnace cement mortar

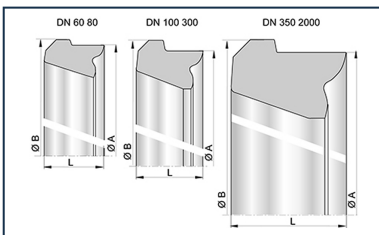
For ductile iron networks for fire protection

DN	Lu	NV	V	Ø DE	Ø DI	P	Ø B	Mass	SAP Code
	m	bar	bar	mm	mm	mm	mm	kg/m	
100	6.000	27.5	18	118	121.4	94.5	166.9	17.103	NSB10C60AQ
150	6.000	27.5	19	170	173.4	100.5	220.8	25.538	NSB15C60AQ
200	6.000	30.0	19	222	225.2	106.5	275.1	33.366	NSB20D60AQ
250	6.000	27.5	16	274	276.8	105.5	328.6	47.318	NSB25D60AQ
300	6.000	27.5	14	326	328.8	107.5	385.3	63.583	NSB30D60AQ
400	6.000	21.25	13	429	431.9	112.5	494.6	91.499	NSB40F60AQ

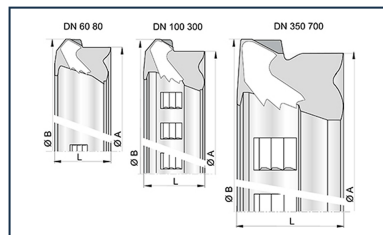
The column "NV" (not restrained) indicates the pressure strength resistance (bar) according to the FM referential (see below).

The column "V" (restrained) indicates the pressure strength resistance (bar) according to the FM referential (see below).

Linked products



Standard gasket for Pipes and Fittings DN60-2000



STD Vi gasket for Pipes and Fittings DN60-700

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.