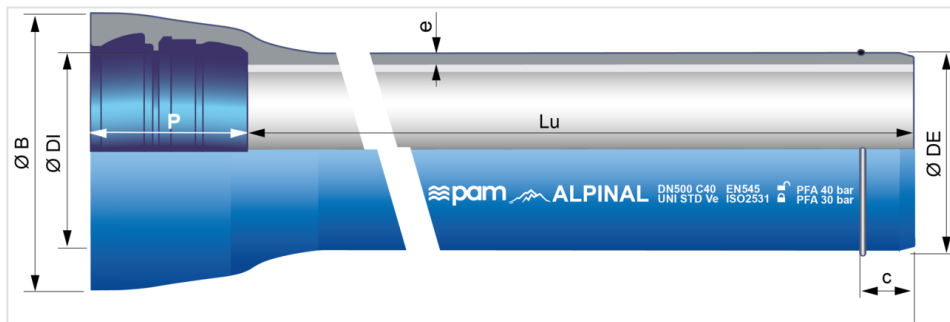


**ALPINAL Blue pipes DN400 to 500 with UNIVERSAL STANDARD socket + Weld bead Ve**



DN	Lu (m)	Class	e (mm)	ØDE (mm)	ØDI (mm)	P (mm)	ØB (mm)	Bead position c (mm)	NV	V	Mass (kg/m)	References
400	5.97	C40	8.1	429	431.9	176	510	113	40 bar	35 bar	98.13	AFB40F60ADB
400	5.97	C64	11.3	429	431.9	176	524	113	64 bar	63 bar	131.39	AFB40C60ADB
400	5.97	C100	16.5	429	431.9	176	524	113	100 bar	85 bar	177.21	AFB40B60ADB
500	5.97	C40	9.3	532	535	200	625	125	40 bar	30 bar	139.17	AFB50F60ADB
500	5.97	C50	12	532	535	200	656	125	50 bar	50 bar	177.77	AFB50D60ADB
500	5.97	C75	15.7	532	535	200	656	125	75 bar	75 bar	218.82	AFB50P60ADB

**Legend:**



NV



V

- 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
- c: weld bead position, in mm

- Mass: total mass per metre (including cement coating and socket), determined with the nominal thickness, in kg/m
- PFA: allowable operating pressure, in bar  
 NV When pipe is not anchored (only with gasket) - V when pipe is anchored (with gasket and anchoring system)
- Reference: commercial reference Saint-Gobain PAM

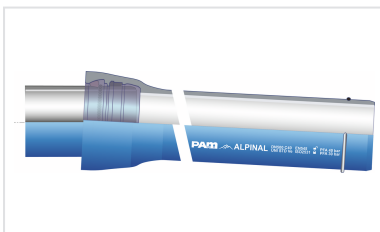
### Field of use:

- For connecting and water supply of snow guns
- Working networks under very high pressures

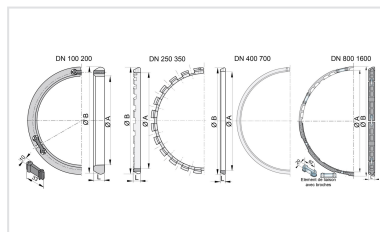
### Main characteristics:

- Internal lining : spun mortar cement
- External coating: a layer of zinc-aluminium 85/15 alloy with a minimum surface density of 400g/m<sup>2</sup>), applied by spraying molten metal onto the surface of the iron, using an electric arc spray gun, from ZnAl (Cu) alloy wire and a protective layer of Aquacoat (semi-permeable), a water-based blue acrylic of average thickness 80 microns applied using a spray gun
- The pipes are supplied without a plug
- Thickness of ductile iron adapted to the pressure
- Elastomer of quality EPDM
- DN400 and 500 pipes are provided with Standard HP gasket
- Class : pressure class according to EN 545 and ISO 2531

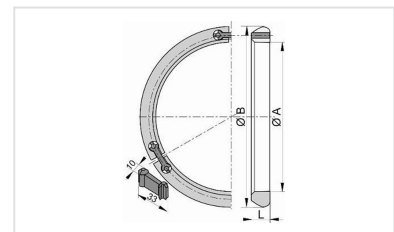
### Linked products



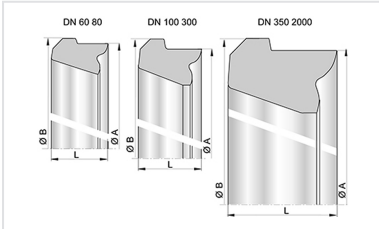
Kit Universal Standard Ve  
 ALPINAL Pipe + Universal  
 Standard Ve Joint



UNI STD Ve joint for Pipes  
 and Fittings DN80-1600



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.*