



FEATURES

- Manufactured with Polyamide 6 modified with elastomer.
- Multidiameter.
- Fast installation.
- Compatible with most gas nailers in the market.
- To be fixed with screws 11/64" in diameter with a plug diameter of 15/64".
- It can be fixed in channels 0.39-0.43 wide (i.e.: channel pvc CELO).
- High resistance to pull out and axial forces.
- It can work with a continuous temperature of 194°F with a peak of 266°F.
- Halogen free.
- Black color UV resistant.
- 3 possible colours: grey RAL 7035, black RAL 9011 and white RAL 9003.
- Temperature
 - To install 23°F^(*)/ 113°F
 - After installation: continuously 14°F / 194°F; peak -13°F / 230°F.

^(*) 32°F installation using gas nailer

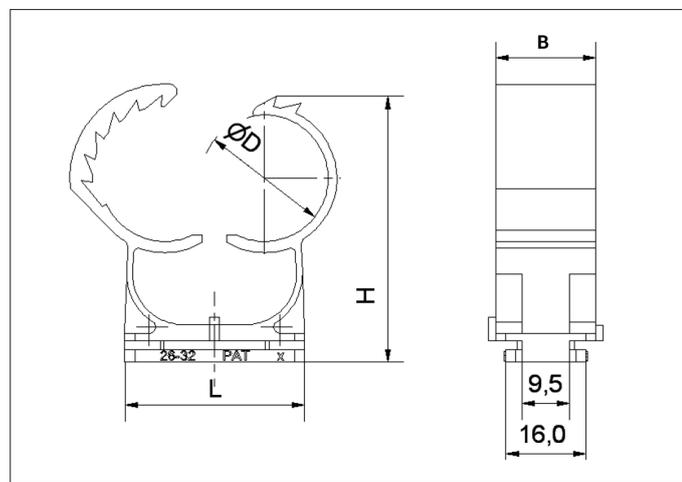
APPROVALS AND CERTIFICATE



BASE MATERIAL

- Concrete
- Concrete block
- Solid brick
- Steel

MAIN DIMENSIONS



Reference	ø D	L	B	H
918ABT	0.57	0.94	0.78	1.40
925ABT	0.76	1.14	0.78	1.79
932ABT	1	1.41	0.78	2.11
942ABT	1.34	1.77	0.78	2.61

INSTALLATION PROCEDURE



● ● ● **Small Things Matter** ●

RECOMMENDED LOADS

Material	Steel 5 Inches.	Prefabricated concrete	Concrete 250 Pounds/inches	Concrete blocks
Selected nail ⁽¹⁾	TK13/1000	XH22/1000	TK25/1000	TK25/1000
Recommended load (lbs) ⁽²⁾	44	77	66	55

⁽¹⁾ Recommended nail by CELO according to different material.

⁽²⁾ Safety factor included.

Tensile Resistance according to UL Approval

Reference	Conduit size		Load
	RMC, IMC, EMT	PVC	
918ABT	3/8"	-	50lbs
925ABT	1/2"	1/2"	50lbs
932ABT	3/4"	3/4"	50lbs
942ABT	1-1/4"	1-1/4"	75lbs

Resistance according to KIWA Approval

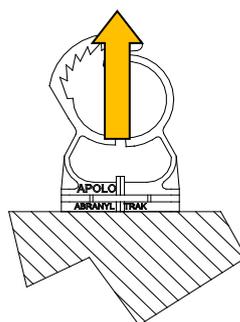
Reference	Radial direction [lbs]			Axial direction [lbs]
	Resistance approved by Kiwa in 73.4°F of normal conditions	Recommended value at 194°F	Break value at 73.4°F [forced aperture]	Final resistance 73.4°F ^(*)
918ABT	41.8	24.25	99.2	7.71
925ABT	52.9	35.27		8.81
932ABT	83.7	41.8	110.23	9.92

^(*) Higher diameter in every case.

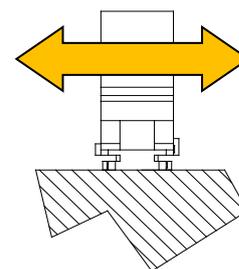
NOTES

- The resistance values of the fixing (nail or screw with clamp) depend on surface where nail is fixed, the nail length and the clamp resistance.
- As reference always use the lower value.
- Fixing in hard materials: in concrete with a density higher than 3,555.89 lbf/in² or steel, the nail pull out value should be higher than the clamp radial strength. Therefore, the total fixing resistance should be calculated equal to the clamp resistance.
- Fixing in soft materials: in softer materials such as concrete blocks, the fixing resistance of the fixing should be calculated equal to the nail pull out values.

Resistance in radial direction



Resistance in axial direction



INSTALLATION PARAMETERS

In normal conditions of 73.4°F:

- In horizontal positions the recommended distance is 4.92ft for electrical installations and 3.28ft for sanitary installations.
- In vertical positions the recommended distance is 6.56ft for electrical installations and 4.26ft for sanitary installations.

In conditions of 194°F:

- The recommended distance for plumbing installations is 2.29ft for horizontal positions and 3.28ft for vertical positions.



RANGE OF PIPES

Reference	Pipe Type							
	EMT	IMC	RMC	PVC	Aluminum	Copper	CPVC	PVDF
918ABT	1/2"					1/2" & 5/8"	1/2"	
925ABT	3/4"	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	1/2"
932ABT	1"	3/4" & 1"	3/4"	3/4"	3/4"	1"	1"	3/4"
942ABT	1-1/4"	1-1/4"	1" & 1-1/4"	1" & 1-1/4"	1" & 1-1/4"	1-1/4" & 1-1/2"	1-1/4" & 1-1/2"	1" & 1-1/4"

APPLICATIONS

- Holding of electrical or sanitary pipes and conduits.
- Optimal performance when fixing warm water pipes.

