



QUICK EASY RELIABLE

Fire behaviour

All components with self-extinguishing features, without flame propagation. Pipes, fittings and flexible hoses meeting:

EN 13501-1:2007+A1:2009
EN ISO 11925-2:2010
EN ISO 13823:2010

specifications.

High system flexibility

Our products were designed to create complete distribution systems for compressed air and pressurized fluids. They enable easy future system expansions and can also be connected to already existing systems owing to their high versatility.

Compliance with specs CE

All products meeting 97/23/EC directive on pressure equipment, which has the force of law and is valid from May 29, 2009.

10-year-warranty

In line with high quality level of performances of Aircom's products, Aircom offers on its products a 10-year warranty against any defective material in Aircom's fittings and aluminium pipes. For more information, please refer to Aircom's Liability Terms.





Light weight, but powerful

The Classic & Freeze Line product range comes in following diameters:

20-25-32-40-50-63-90-110 mm

A careful study and design of dimensions and materials enabled to achieve a light and functional, all-PVC product in a wide range of sizes, allowing you to create your systems without any problems.

Short installation time

The quick and easy assembly of our piping systems is the result of an innovative technology, with an instant connection of the fitting components to the PVC pipe.



Air quality and maintenance

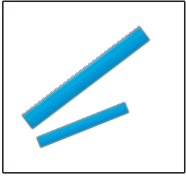
Owing to full PVC construction, air quality keeps constant features from compressor outlet up to all end user points. Minimum roughness of internal pipe surfaces allows optimal air flow.

The high quality and high resistance features of our fittings will significantly reduce maintenance costs.

Modularity and resistance

Our modular and lightweight PVC systems are an optimal solution to reduce installation time. Owing to careful study of components and of materials, our fittings feature noticeable resistance to corrosion, mechanical shocks and thermal variations.

Classic & Freeze Line is the most advanced evolution in the field of systems for compressed air and pressurized fluids distribution.



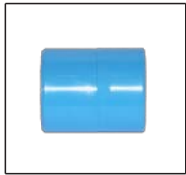
Classic Line Pipe

CODE	Ø (6m)
AIRTU020	20
AIRTU025	25
AIRTU032	32
AIRTU040	40
AIRTU050	50
AIRTU063	63
AIRTU090	80
AIRTU110	110



180° bend

CODE	Ø (0.5m)
AIRC180020	20
AIRC180025	25



Coupling

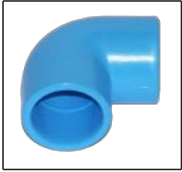
CODE	Ø
AIRMA020	20
AIRMA025	25
AIRMA032	32
AIRMA040	40
AIRMA050	50
AIRMA063	63
AIRMA090	90
AIRMA110	110



Tee

CODE	Ø
AIRTE020	20
AIRTE025	25
AIRTE032	32
AIRTE040	40
AIRTE050	50
AIRTE063	63
AIRTE090	90
AIRTE110	110





90° elbow

CODE	Ø
AIRGO020	20
AIRGO025	25
AIRGO032	32
AIRGO040	40
AIRGO050	50
AIRGO063	63
AIRGO090	90
AIRGO110	110



45° elbow

CODE	Ø
AIRGO020	20
AIRGO025	25
AIRGO032	32
AIRGO040	40
AIRGO050	50
AIRGO063	63
AIRGO090	90



Flat collar

CODE	Ø
AIRCO063	63
AIRCO090	90
AIRCO110	110



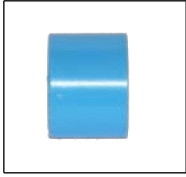
Union, f/m

CODE	Ø
AIRBO020	20
AIRBO025	25
AIRBO032	32
AIRBO040	40
AIRBO050	50
AIRBO063	63



End cap

CODE	Ø
AIRCA020	20
AIRCA025	25
AIRCA032	32
AIRCA040	40
AIRCA050	50
AIRCA063	63
AIRCA090	90



Reduction m/f

CODE	Ø
AIRBR025020	25x20
AIRBR032020	32x20
AIRBR032025	32x25
AIRBR040025	40x25
AIRBR040032	40x32
AIRBR050032	50x32
AIRBR050040	50x40
AIRBR063040	63x40
AIRBR063050	63x50
AIRBR090063	90x63
AIRBR110090	110x90



Reduction tee

CODE	Ø
AIRBR025020	25x20
AIRBR032020	32x20
AIRBR032025	32x25
AIRBR040020	40x20
AIRBR040025	40x25
AIRBR050020	50x20
AIRBR050025	50x25
AIRBR063020	63x20
AIRBR063025	63x25
AIRBR090040	90x40
AIRBR110050	110x50



Double socket with metal insert, female thread

CODE	Ø
AIRMP020048	20x1/2"
AIRMP025068	25x3/4"
AIRMP032088	32x1"



Double socket with metal insert, female thread

CODE	Ø
AIRAP020048	20x1/2"
AIRAP025068	25x3/4"
AIRAP032088	32x1"

Union, male threaded



CODE	Ø
AIRMNO16048	16x1/2"
AIRMNO20048	20x1/2"
AIRMNO25068	25x3/4"
AIRMNO32088	32x1"
AIRMNO40108	40x1.1/4"
AIRMNO50128	50x1.1/2"
AIRMNO63168	63x2"

90° threaded elbow with metal insert, f thread



CODE	Ø
AIRGPO20048	20x1/2"
AIRGPO25068	25x3/4"

Threaded tee with metal insert, female thread



CODE	Ø
AIRTP020048	20x1/2"
AIRTP025068	25x3/4"
AIRTP032088	32x1"

Socket union, brass, female thread



CODE	Ø
AIRBPO020048	20x1/2"
AIRBPO025068	25x3/4"
AIRBPO032088	32x1"
AIRBPO040108	40x1.1/4"
AIRBPO050128	50x1.1/2"
AIRBPO063168	63x2"

Socket union, brass, male thread



CODE	Ø
AIRBPM020048	20x1/2"
AIRBPM025068	25x3/4"
AIRBPM032088	32x1"
AIRBPM040108	40x1.1/4"
AIRBPM050128	50x1.1/2"
AIRBPM063168	63x2"



Blue Quick branch plug (for gluing)

CODE	Ø
AIRDER025020	25x20
AIRDER032020	32x20
AIRDER040020	40x20
AIRDER040025	40x25
AIRDER050020	50x20
AIRDER050025	50x25
AIRDER063020	63x20
AIRDER063025	63x25
AIRDER063032	63x32



Ball valve, female union (for gluing)

CODE	Ø
AIRVA020	20
AIRVA025	25
AIRVA032	32
AIRVA040	40
AIRVA050	50
AIRVA063	63



AIRCOM super-quick adhesive

CODE	gr
AIRSO0250	250
AIRSO0500	500
AIRSO1000	1000



AIRCOM pickling fluid

CODE	gr
AIRDE	500



Single port manifold (for gluing), female thread

CODE	Ø
AIRAPM020	20
AIRAPM025	25

Double port manifold (for gluing), female thread



CODE	Ø
AIRAPLO20	20
AIRAPLO25	25

Bracket, with M8 thread insert piece

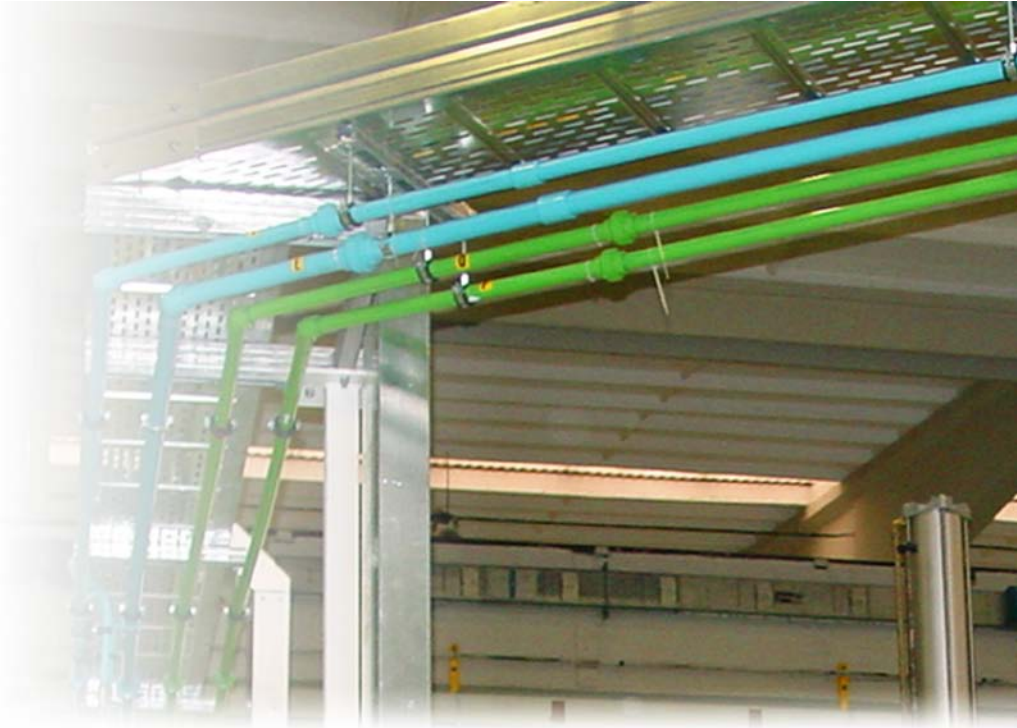


CODE	Ø
DIRFEM8020	20
DIRFEM8025	25
DIRFEM8032	32
DIRFEM8040	40
DIRFEM8050	50
DIRFEM8063	63
DIRFEM8090	90
DIRFEM8110	110

Spacers



CODE	Ø
DIRSPE020032	20-32
DIRSPE040063	40-63



Glue and cleaner for glued connections

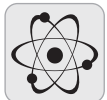
Pipe outside diameter	Amount of glue (grams) required for 50 gluings	Amount of cleaner (grams) required for 50 gluings
16	60	30
20	120	60
25	120	60
32	150	75
40	400	200
50	450	250
63	500	250
90	1.000	500
110	1.000	500



Materials properties

PHYSICAL PROPERTIES

Property	Standard	Unit	Value
VICAT hardness	ISO R/306 NF T 51021	°C	= 75
Water absorption	ISO R507 NF T 50023	mg/cm ³	< 4
Linear expansion factor	ASTM D 69670	mm°C	75x106
Density	ISO 1183/3514 NF T 54.022	g/cm ³	= 1,35



MECHANICAL PROPERTIES

Property	Standard	Unit	Value
Elongation at break	ISO R 527/NF T 54-026	%	> 130
Flexural modulus	ISO R 527/NF T 54-026	KN/cm ²	233
IZOD impact behaviour	NF T 51-911	KJ/m ²	> 100
Tensile strength	ISO 527	MPa	36





QUICK

With Classic & Freeze Line product line you can reduce installation time by about 45% compared to traditional systems.

EASY

The easy-mounting pipe assembly by gluing and the direct connection fittings will enable you to create your piping system in few, easy steps.

RELIABLE

Durability and corrosion resistance of our products provide you a unique, comprehensive system. Careful study and design of shapes and of materials also grant extremely low pressure drops without air leakages, with resulting remarkable energy savings.

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