
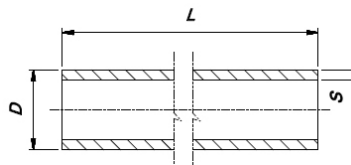


EQOair Aluminium Pipe

PN 16 Pipes	Part Number	D	L	S	Kg/Mt
	8-900.020.106	20	6 mt.	1,00	0,19
	8-900.025.106	25	6 mt.	1,10	0,24
	8-900.032.106	32	6 mt.	1,20	0,33
	8-900.040.106	40	6 mt.	1,30	0,43
	8-900.050.106	50	6 mt.	1,50	0,58
	8-900.063.106	63	6 mt.	1,80	1,02
	8-900.090.106	90	6 mt.	2,40	1,09
	8-900.110.106	110	6 mt.	3,00	2,86
	8-900.140.106	140	6 mt.	3,80	4,57
	8-900.160.106	160	6 mt.	4,30	5,89



Technical Details

	EQOair				
Standard Colour	RAL 5012				
Max Working Pressure	16 bar				
Plant Testing Pressure 1 hour at 20°C	24 bar				
Quality Testing Pressure 1 hour at 20°C	72 bar				
Production tested percentage	1%				
O.Ring & Lip Gasket Material	NBR 65/75 S.A				
Continuous Service Temperature Limit	-30°C - 120°C				
Aluminium Pipe Mechanical Resistance	According to EN-755-2/2008 standards				
Pipe Material	Aluminium alloy EN AW 6060 - T5 according to EN 755-2/2008				
Pipe Thickness mm	Tube lenght tollerance +0 -0,1%				
Aluminium Fittings Material	Aluminium Alloy EN Aw 6061 T6 / ENAB 42000				
Clamp Ring Material	AISI 304 Stainless Steel				
Threads Standards	BSPT - British standard pipe taper - ISO 7-1				
Pipe Surface treatment	Polyester resin coated				

Preperation

Verify the integrity of the pipe section to be inserted in the fitting.
Any scratches on the paint, if not deep, can be eliminated using 300-600 fine emery paper.
Deep dents/scratches can be eliminated only by changing the branch position or by replacing the pipe section.

When necessary, cut the pipe with a neat 90° cut. Carefully deburring the internal and external sharp resulting edges and make an external bevel of 2-4 mm length with a 30° taper.

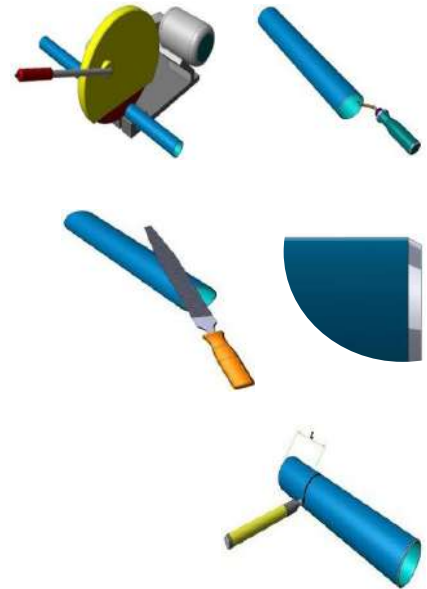
All pipe supplied should be deburred internally, externally and beveled.

Mark the pipe so to have a reference for its correct insertion into the fitting to make sure it exceeds the gasket.

The table below shows the correct reference lengths.

DN	20	25	32	40	50	63	90
L(mm)	35	38	49	60	76	96	93

Lubricate the marked pipe section.

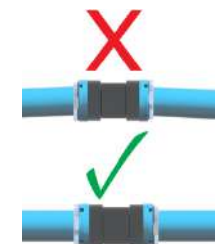


Assembly

Loosen the nut until the clamp ring is loose.



Ensure the pipe and fittings are parallel to each other.



Insert the pipe into the fitting up to align the reference mark with the external nut surface.



Tighten the nut by hand. In this case, the water tightness and axial clamping are ensured.



Assembly (DN110 - DN160)

Loosen the bolts of the fitting.

Ensure the pipe and fittings are parallel to each other.

Insert the pipe into the fitting up to align the reference mark with the external blocking ring surface.

Tighten all the bolts at a torque value of 15 N/m.

