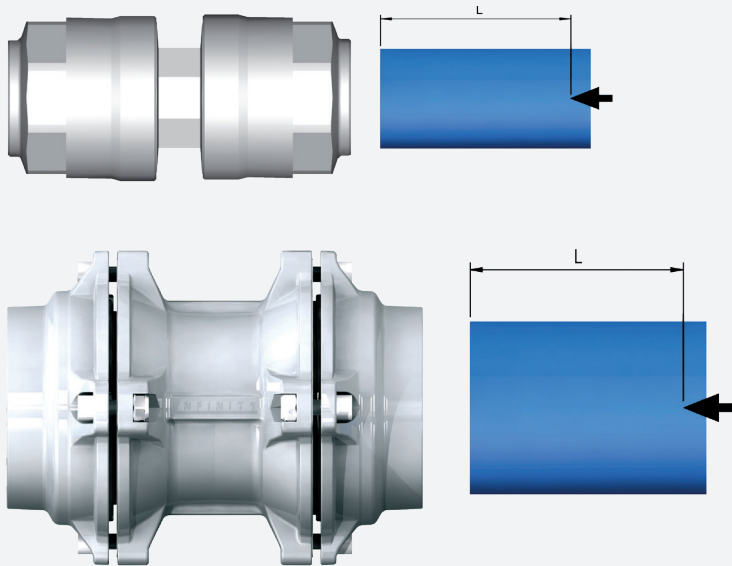


PIPEWORK SIZING GUIDE

Ø20 | Ø25 | Ø32 | Ø40 | Ø50 | Ø63 | Ø80 | Ø110 | Ø168



Correct tube connection is confirmed by the position of the arrow pre-stamp.
If you need to cut the tube, mark the distance using the measurements guide above.

Ø mm	L mm
20	31.5
25	38.5
32	46
40	52
50	57.5
63	63.5
80	91
110	125.5
168	193



REFERENCE STANDARD

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

PED
2014/68/UE

SILICON
FREE



DIAMETER RANGE (MM)

Ø20 | Ø25 | Ø32 | Ø40 | Ø50 | Ø63 | Ø80 | Ø110 | Ø168



PRESSURE RATING

0.99 bar (-0.099 MPa)
16 bar (1.6 MPa)



TEMPERATURE TOLERANCES

- 20 °C
+ 80 °C



TUBE CHARACTERISTICS

Extruded Aluminium	Designations UNI EN 573-3	Surface Treatment	Specific Weight	Expansion Coefficient
UNI 9006/1 Al Mg 0.5 Si 0.4 Fe 0.2	EN AW 6060 T6	Electrostatic Painting	2.70 kg/dm ³	0.024 mm/(m °C)



VACUUM RATING

0-28 Hg



FLUIDS

Compressed Air
Vacuum
Inert Gas (NITROGEN-ARGON)



THREADS

Flanged Tube (UNI EN 1092-4 PN 16) (ANSI 150-LB)
Female threads in conformity with ISO 228

PIPEWORK SIZING GUIDE



CHOOSING THE CORRECT DIAMETER FOR YOUR INSTALLATION

The matrix indicates the diameter of the main line, see instructions and example below:

1. Choose the **flow rate** of your compressor using the figures in the three left hand columns eg **180 Nm³/h**
2. Choose the distance between the compressor and the **furthest point of use** eg **300m**
3. The optimum pipe diameter is calculated where the **flow rate** row meets the **furthest point of use** column (**Ø40**)

Flow Rate			Distance between compressor and furthest point of use											
NI/min	Nm³/h	cfm	25 m	50 m	100 m	150 m	200 m	300 m	400 m	500 m	1000 m	1500 m	2000 m	
			82 ft	164 ft	328 ft	492 ft	656 ft	984 ft	1312 ft	1640 ft	3280 ft	4921 ft	6562 ft	
230	14	8	20	20	20	20	20	20	20	20	20	25	25	
650	39	23	20	20	20	20	25	25	25	25	32	32	40	
900	54	32	20	20	25	25	25	32	32	32	40	40	40	
1200	72	42	20	20	25	25	32	32	32	32	40	40	50	
1750	105	62	20	25	32	32	32	40	40	40	50	50	50	
2000	120	71	25	25	32	32	32	40	40	40	50	50	50	
2500	150	88	25	32	32	32	40	40	40	50	50	63	63	
3000	180	106	25	32	32	40	40	40	50	50	50	63	63	
3500	210	124	25	32	40	40	40	50	50	50	63	63	63	
4500	270	159	32	32	40	40	50	50	50	50	63	63	80	
6000	360	212	32	40	50	50	50	50	63	63	80	80	80	
7000	420	247	32	40	50	50	50	63	63	63	80	80	80	
8500	510	300	40	40	50	50	63	63	63	63	80	80	110	
12000	720	424	40	50	63	63	63	80	80	80	110	110	110	
15000	900	530	50	50	63	63	80	80	80	80	110	110	110	
18000	1080	636	50	63	63	80	80	80	80	110	110	110	110	
21000	1260	742	50	63	63	80	80	80	110	110	110	110	110	
26000	1560	918	63	63	80	80	80	110	110	110	110	110	110	
31000	1860	1095	63	63	80	80	110	110	110	110	110	110	110*	
33000	1980	1165	63	80	80	110	110	110	110	110	110	110*	110*	
44000	2640	1554	63	80	110	110	110	110	110	110	110*	110*	110*	
50000	3000	1766	80	80	110	110	110	110	110	110	110*	110*	110*	
58000	3480	2048	80	80	110	110	110	110	110	110	110*	110*	110*	
67000	4020	2366	80	110	110	110	110	110	110	110*	110*	110*	110*	
75000	4500	2648	80	110	110	110	110	110	110*	110*	110*	110*	110*	
83000	4980	2931	80	110	110	110	110	110*	110*	110*	110*	110*	110*	
92000	5520	3249	110	110	110	110	110	110*	110*	110*	110*	110*	110*	
100000	6000	3531	110	110	110	110	110*	110*	110*	110*	110*	110*	110*	

Pressure 7 bar - Maximum pressure drop 4%

*Pressure drop is higher than 4%



SPECIFICATIONS FOR OUTLETS

- Ø 20 with flow rate up to 2000 NI/min
- Ø 25 with flow rate up to 3500 NI/min
- Ø 32 with flow rate up to 7000 NI/min

