

# Silencers



Silencers are designed for installation on exhaust circuits to reduce the noise levels of equipment while operating, thus improving user comfort.

## Technical Characteristics

- **Compatible Fluids:** Compressed air
- **Working Pressure:** Polyethylene: 0 to 10 bar  
Sintered bronze: 0 to 12 bar  
316L stainless steel: 0 to 12 bar
- **Working Temperature:** Polyethylene: -10°C to +80°C  
Sintered bronze: -20°C to +150°C  
316L stainless steel: -20°C to +180°C

## Advantages

- 3 materials available :
  - Polyethylene: optimum exhaust flow rate and noise attenuation
  - Sintered bronze: robust and economic
  - 316L stainless steel: increased chemical and mechanical resistance
- Incorporated flow control regulator on 2 versions

## Component Materials

### Silicone-free

Body:  
brass (0670-0673-0675-0671-0677-0672)  
polymer (0674-0676)  
stainless steel (0682-0683)

Silencer:  
sintered bronze (0670-0673-0675-0671-0677-0672)  
polymer (0674-0676)  
316L stainless steel (0682-0683)



## Regulations

- RoHS
- REACH
- PED
- 2003/10/CE
- OSHA

## Flow and Noise Levels for Silencers 0672 and 0676

### 0672

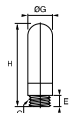
	Number of Turns						Noise Level in dBA at 6 bar and 350 NI/min
	0	1	2	3	4	5	
0672 00 10	0	200	600	740	-	-	81
0672 00 13	0	300	650	1280	-	-	82
0672 00 17	0	450	950	1300	1500	-	83
0672 00 21	0	830	1430	1800	2100	2220	83

### 0676

	Number of Turns										Noise Level in dBA at 6 bar and 350 NI/min
	0	1	2	3	4	5	6	7	8	9	
0676 00 10	0	30	90	210	335	370	390	390	395	395	82
0676 00 13	0	22	25	50	340	750	940	980	1000	1025	84
0676 00 19	0	22	69	97	125	143	-	-	-	-	81
0676 00 17	0	518	1147	1716	2153	2571	2823	2930	-	-	85
0676 00 21		814	1849	2880	4087	5044	5236	-	-	-	86

## 0674 Polymer Silencer, Male BSPP and Metric Thread

Technical polymer



C		E	G	H	Kg
M5x0.8	0674 00 19	4	6.5	23	0.003
G1/8	0674 00 10	6	12.5	34	0.002
G1/4	0674 00 13	7	15.5	42.5	0.003
G3/8	0674 00 17	11.5	18.5	67.5	0.006
G1/2	0674 00 21	11	23.5	78	0.010
G3/4	0674 00 27	15.5	38.5	131	0.035
G1	0674 00 34	19.5	49	160	0.056

## 0676 Flow Control Polymer Silencer, Male BSPP and Metric Thread

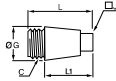
Technical polymer



C		F	F1	G	H	H1	Kg
M5x0.8	0676 00 19	8	1.5	9.2	16	11	0.008
G1/8	0676 00 10	13	2.5	15	20.5	14.5	0.003
G1/4	0676 00 13	15	4	18	29	22	0.006
G3/8	0676 00 17	20	6	24	38	30	0.018
G1/2	0676 00 21	25	8	30	50	40	0.045

## 0670 Threaded Silencer, Male BSPP Thread

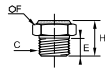
Sintered bronze, brass



C		G	J	L	L1	Kg
G1/8	<b>0670 00 10</b>	12	7	22	17	0.007
G1/4	<b>0670 00 13</b>	15	9	27	21	0.015
G3/8	<b>0670 00 17</b>	19	11	35	28	0.027
G1/2	<b>0670 00 21</b>	23	13	43	34	0.042
G3/4	<b>0670 00 27</b>	30	17	55	53.5	0.089
G1	<b>0670 00 34</b>	37	21	65	53	0.145

## 0673 Compact Silencer, Male BSPP and Metric Thread

Brass



C		E	F	H	Kg
M5x0.8	<b>0673 00 19</b>	4	8	8.5	0.001
G1/8	<b>0673 00 10</b>	6	13	12	0.008
G1/4	<b>0673 00 13</b>	8	16	16	0.012
G3/8	<b>0673 00 17</b>	8	19	17	0.022
G1/2	<b>0673 00 21</b>	9	24	18	0.041

## 0675 Threaded Silencer, Male BSPP and Metric Thread

Brass



C		F	L	L1	Kg
M5x0.8	<b>0675 00 19</b>	8	17	13	0.002
M7x1	<b>0675 00 55</b>	10	23	20	0.006
G1/8	<b>0675 00 10</b>	13	26	20	0.014
G1/4	<b>0675 00 13</b>	16	34	26	0.014
G3/8	<b>0675 00 17</b>	19	41	33	0.024
G1/2	<b>0675 00 21</b>	24	46	36	0.073

## 0671 Push-In Silencer

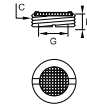
Nickel-plated brass



ØD		G	L	L1	Kg
4	<b>0671 04 00</b>	13	43.5	28.5	0.014
6	<b>0671 06 00</b>	15	50	33.5	0.024
8	<b>0671 08 00</b>	15	51	34	0.025
10	<b>0671 10 00</b>	19.5	67	45.5	0.052
12	<b>0671 12 00</b>	20	68	45	0.052

## 0677 Miniature Silencer, Male BSPP Thread

Brass



C		G	H	Kg
G1/8	<b>0677 00 10</b>	5.5	4	0.002
G1/4	<b>0677 00 13</b>	6	4.5	0.003
G3/8	<b>0677 00 17</b>	9.5	5	0.006
G1/2	<b>0677 00 21</b>	12.5	5.5	0.010
G3/4	<b>0677 00 27</b>	19	6	0.019
G1	<b>0677 00 34</b>	24	7	0.025

## 0672 Flow Control Silencer, Male BSPP Thread

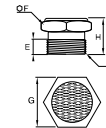
Sintered bronze, brass



C		E	F	G	H max	H min	Kg
G1/8	<b>0672 00 10</b>	8	14	14	21	17	0.017
G1/4	<b>0672 00 13</b>	8	17	17	24	20	0.029
G3/8	<b>0672 00 17</b>	10	22	22	28	20	0.056
G1/2	<b>0672 00 21</b>	12	27	27	37	28	0.094

## 0682 Compact Silencer, Male BSPP Thread

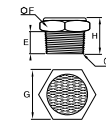
Stainless steel 316L



C		E	F	G	H	Kg
G1/8	<b>0682 00 10</b>	8	7	14	15	0.007
G1/4	<b>0682 00 13</b>	8	7	17	15	0.011
G3/8	<b>0682 00 17</b>	10	8	22	18	0.019
G1/2	<b>0682 00 21</b>	12	10	27	22	0.037
G3/4	<b>0682 00 27</b>	15	12	32	27	0.063
G1	<b>0682 00 34</b>	18	14	38	32	0.116

## 0683 Compact Silencer, Male NPT Thread

Stainless steel 316L



C		E	F	G	H	Kg
NPT1/8	<b>0683 00 11</b>	7	7	14	14	0.008
NPT1/4	<b>0683 00 14</b>	11	7	17	18	0.014
NPT3/8	<b>0683 00 18</b>	11	8	22	19	0.021
NPT1/2	<b>0683 00 22</b>	15	10	27	25	0.042