

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

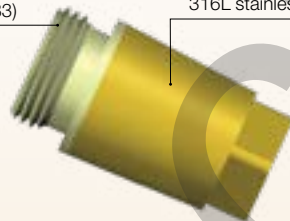
- 3 materials available :
 - Polyethylene: optimum exhaust flow rate and noise attenuation
 - Sintered bronze: robust and economic
 - 316L stainless steel: increased chemical and mechanical resistance
- Incorporated flow control regulator on 2 versions

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

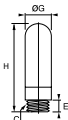
| | Number of Turns | | | | | | Noise Level in dBA at 6 bar and 350 NI/min |
|------------|-----------------|-----|------|------|------|------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | |
| 0672 00 10 | 0 | 200 | 600 | 740 | - | - | 81 |
| 0672 00 13 | 0 | 300 | 650 | 1280 | - | - | 82 |
| 0672 00 17 | 0 | 450 | 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

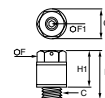
Technical polymer



| C | | E | G | H | Kg |
|--------|------------|------|----|-----|-------|
| M5x0.8 | 0674 00 19 | 5 | 7 | 25 | 0.003 |
| G1/8 | 0674 00 10 | 7 | 13 | 32 | 0.002 |
| G1/4 | 0674 00 13 | 8 | 17 | 39 | 0.003 |
| G3/8 | 0674 00 17 | 11 | 25 | 65 | 0.006 |
| G1/2 | 0674 00 21 | 11.5 | 25 | 70 | 0.010 |
| G3/4 | 0674 00 27 | 15.5 | 37 | 138 | 0.035 |
| G1 | 0674 00 34 | 19.5 | 48 | 158 | 0.056 |

0676 Flow Control Polymer Silencer, Male BSPP and Metric Thread

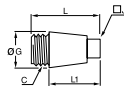
Technical polymer



| C | | F | F1 | G | H | H1 | Kg |
|------|------------|----|-----|----|------|------|-------|
| G1/8 | 0676 00 10 | 13 | 2.5 | 15 | 20.5 | 15.5 | 0.003 |
| G1/4 | 0676 00 13 | 15 | 4 | 18 | 29 | 22.5 | 0.006 |
| G3/8 | 0676 00 17 | 20 | 6 | 24 | 38.5 | 31 | 0.018 |
| G1/2 | 0676 00 21 | 25 | 8 | 30 | 50 | 41 | 0.045 |

0670 Threaded Silencer, Male BSPP Thread

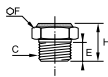
Sintered bronze, brass



| C | G | J | L | L1 | Kg |
|------------------------|------|----|----|----|-------|
| G1/8 0670 00 10 | 11,5 | 8 | 22 | 15 | 0.007 |
| G1/4 0670 00 13 | 15 | 10 | 28 | 18 | 0.015 |
| G3/8 0670 00 17 | 19 | 13 | 36 | 24 | 0.027 |
| G1/2 0670 00 21 | 23 | 15 | 44 | 30 | 0.042 |
| G3/4 0670 00 27 | 30 | 19 | 56 | 41 | 0.089 |
| G1 0670 00 34 | 37 | 24 | 69 | 51 | 0.145 |

0673 Compact Silencer, Male BSPP and Metric Thread

Brass



| C | E | F | H | Kg |
|--------------------------|---|----|-----|-------|
| M5x0.8 0673 00 19 | 4 | 8 | 8,5 | 0.001 |
| G1/8 0673 00 10 | 6 | 13 | 12 | 0.008 |
| G1/4 0673 00 13 | 8 | 16 | 16 | 0.012 |
| G3/8 0673 00 17 | 8 | 19 | 17 | 0.022 |
| G1/2 0673 00 21 | 9 | 24 | 18 | 0.041 |

0675 Threaded Silencer, Male BSPP and Metric Thread

Brass



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

0671 Push-In Silencer

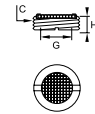
Nickel-plated brass



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

0677 Miniature Silencer, Male BSPP Thread

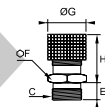
Brass



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

0672 Flow Control Silencer, Male BSPP Thread

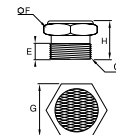
Sintered bronze, brass



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

0682 Compact Silencer, Male BSPP Thread

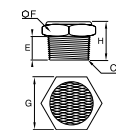
Stainless steel 316L



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

0683 Compact Silencer, Male NPT Thread

Stainless steel 316L



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