LEGRIS SILENCERS





Available in various materials, Legris silencers reduce noise levels, there by improving user comfort in a wide range of applications.

Technical specifications

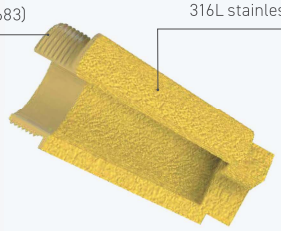
	Technical polymer	Sintered bronze	Brass	Nickel-plated brass	Stainless steel 316L
Fluids:	Compressed air				
Operating pressure:	0 to 10 bar	0 to 12 bar	0 to 12 bar	0 to 12 bar	0 to 12 bar
Operating temperature:	-10°C to +80°C	-20°C to +150°C	-20°C to +150°C	-20°C to +150°C	-20°C to +180°C
Connection:	M5 to 1"	G1/8 to 1"	M5 to 1"	4 to 12mm	G1/8 to 1" (BSPP) NPT1/8 to 1/2
Regulations:	RoHS, REACH, PED				

Performance depends on the fluid, material and tube used.

Component materials

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

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



Benefits

- **Different materials suitable for numerous applications:**
  technical polymer for standard environments
  sintered bronze and brass for applications requiring increased strength stainless
  steel for aggressive and corrosive environments
- **silencer with integrated flow regulator (0672 and 0676)**
  offering a cost-effective solution while reducing space requirements
- **compact models (0673, 0677, 0682, 0683)** for installations requiring minimal space

Recommended applications



Reduce effectively air exhaust noise for a quieter and more comfortable environment.

User guide

Flow rates and noise levels of Legris silencers

0672	Number of turns						Sound level in dBA at 6 bar at 350 Nl/min
	0	1	2	3	4	5	
0672 00 10	0	200	600	740	-	-	81
0672 00 13	0	300	650	1 280	-	-	82
0672 00 17	0	450	950	1 300	1 500	-	83
0672 00 21	0	830	1 430	1 800	2 100	2 220	83

0676	Number of turns										Sound level in dBA at 6 bar at 350 Nl/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 17	0	518	1147	1716	2153	2571	2823	2930	-	-	85
0676 00 21		814	1849	2880	4087	5044	5236	-	-	-	86

0670	Sound level in dBA at 6 bar
0670 00 10	80
0670 00 13	79
0670 00 17	83
0670 00 21	85
0670 00 27	95
0670 00 34	95

0673	Sound level in dBA at 6 bar
0673 00 10	73
0673 00 13	74
0673 00 17	85
0673 00 19	87
0673 00 21	89

0674	Sound level in dBA at 6 bar
0674 00 19	73
0674 00 10	78
0674 00 13	81
0674 00 17	87
0674 00 21	83
0674 00 27	79
0674 00 34	88

0675	Sound level in dBA at 6 bar
0675 00 10	70
0675 00 13	67
0675 00 17	77
0675 00 19	78
0675 00 21	80

0677	Sound level in dBA at 6 bar
0677 00 10	72
0677 00 13	73
0677 00 17	84
0677 00 21	88
0677 00 27	88
0677 00 34	89

0682	Sound level in dBA at 6 bar
0682 00 10	73
0682 00 13	74
0682 00 17	86
0682 00 21	80
0682 00 27	88
0682 00 34	89

0683	Sound level in dBA at 6 bar
0683 00 11	73
0683 00 14	74
0683 00 18	86
0683 00 22	80