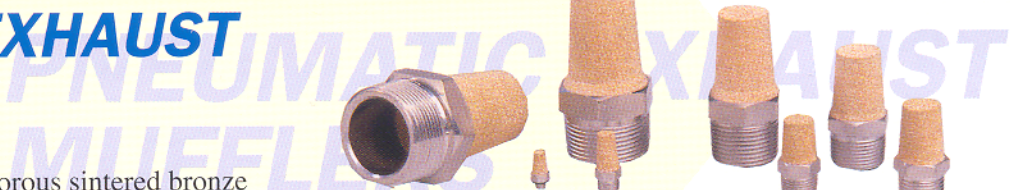


PNEUMATIC EXHAUST MUFFLERS



Quiet Flow muffler/filters utilize porous sintered bronze directly bonded to nickel plated steel pipe thread fillings to diffuse air and muffle noise from the exhausted ports or valves, cylinders and air tools. These units offer a combination of small size with the greatest possible sound deadening qualities to reduce exhaust noise to acceptable levels within OSHA noise requirements.

In addition, these units are used as filters for gasoline, oil and air. Standard unit contains a 40 micron element, and 20 or 90 micron units are available on special order. Model ASP-420 is a female thread (1/2" - 20) muffler for use on exhaust ports of most solenoid valves. It can be used with "exhaust to atmosphere" valves, including Skinner, Peter Paul, Allied, KIP, Pre Dyne or any muffler using 1/2" - 20 threads on the sleeve.

Maximum operating pressure: 300 PSI

Operating temperature: 35°F to 300°F

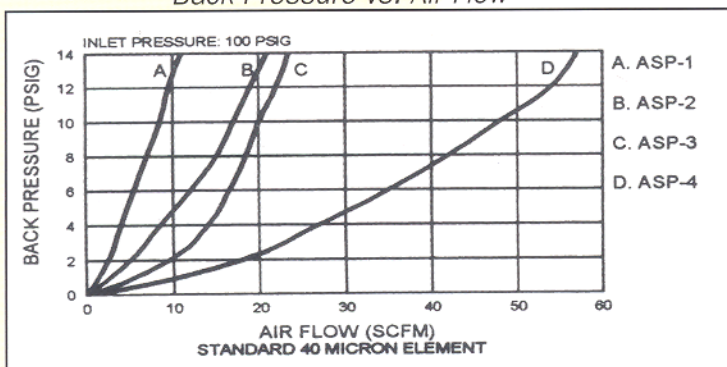
Part No. NPT	Part No. BSP	Thread Size	Overall Length	Dia.	Weight Lbs.
ASP-M*		10"-32	45/64"	5/16"	.01
ASP-1	ASP-1BS	1/8"	1-1/8"	7/16"	.02
ASP-2	ASP-2BS	1/4"	1-3/8"	9/16"	.04
ASP-3	ASP-3BS	3/8"	1-1/2"	11/16"	.06
ASP-4	ASP-4BS	1/2"	1-7/8"	7/8"	.10
ASP-6	consult factory	3/4"	2-1/4"	1-1/16"	.18
ASP-8	consult factory	1"	2-7/8"	1-5/16"	.34
ASP-10	consult factory	1-1/4"	3-1/4"	1-11/16"	.62
ASP-12	consult factory	1-1/2"	3-11/16"	2"	.88
ASP-420**		1/2"-20	1-3/16"	5/8"	.04

* Furnished with gasket.

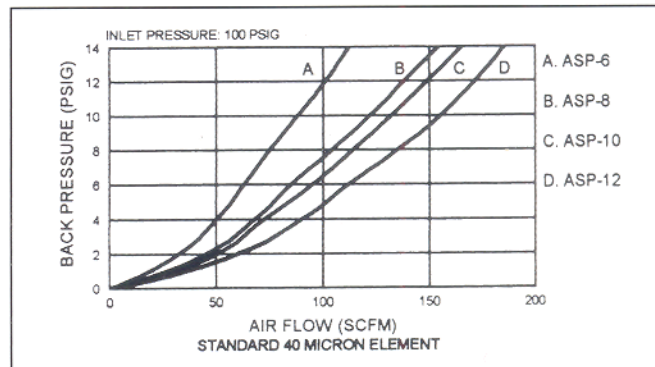
** Female threads fits most solenoid valve exhaust ports.

Flow Characteristics—Pneumatic Exhaust Mufflers

ASP-1 ASP-2 ASP-3, ASP-4
Back Pressure vs. Air Flow



ASP-6, ASP-8, ASP-10, ASP-12
Back Pressure vs. Air Flow



Sound Characteristics—Pneumatic Exhaust Mufflers

Back Pressure PSIG	ASP-1: 1/8"		ASP-2: 1/4"		ASP-3: 3/8"		ASP-4: 1/2"		ASP-6: 3/4"		ASP-8: 1"		ASP-10: 1-1/4"		ASP-12: 1-1/2"	
	Flow SCFM	dB	Flow SCFM	dB	Flow SCFM	dB	Flow SCFM	dB	Flow SCFM	dB	Flow SCFM	dB	Flow SCFM	dB	Flow SCFM	dB
1													38	102	52	111
2	4	72	5	75	9.5	81	17	92	32	99	45	109				
3													54	103	82	112
4	5	72	8	75	14	83	28	94	50	101	68	107				
5													70	107	108	111
6	6	73	12	76	16.5	83	35	98	63	101	84	106				
7													85	106	126	110
8	7	73	15	82	18.5	83	42	99	75	102	104	106				
9													110	105	150	109
10	7	76	16	83	20	84	48	100	88	102	122	106				
11													131	105	162	109
12	9	78	19	84	22	84	53	101	101	102	138	106				
13													154	105		
14	11	80	21	84	23.5	85	57	101	112	103	154	106				

Inlet pressure 100 psi