

Porous Polyethylene Air Silencer / Air Diffuser

FUNCTIONS

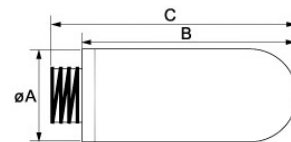
- Acoustical silencers for pneumatically controlled machines
- Air diffusion for aeration and agitation applications

FEATURES

- Excellent noise diffusion capabilities, reduce air blast noise created by pneumatic valves, vacuum pumps, small compressors, air motors, rotary/impact air tools, or other similar equipments
- Filter aerosols and particles
- Omni-directional porous structure, available in fine, medium, and coarse pore sizes
- Corrosion-resistant polyethylene construction
- Porous high density polyethylene will not shatter in case of accidental rupture or blow out
- Threaded base made of solid polyethylene, available in 1/8", 1/4", 3/8", 1/2", 3/4" and 1" sizes
- Light weight
- Simple installation
- Cost efficiency



Model	Fitting Size	O.D. (mm)	Length (mm)	Total Length (mm)	Average Pore Size	Maximum Working Pressure
		A	B	C		
PES-18	1/8"	15.6	27.3	37.8	20 / 35 / 70 μ m Fine/Medium/Coarse	10 kg/cm ² 150 PSIG 300 inHg
PES-28	1/4"	19.0	30.5	43.8		
PES-38	3/8"	25.0	53.0	69.0		
PES-48	1/2"	25.0	62.5	78.5		
PES-68	3/4"	38.0	108.4	135.4		
PES-88	1"	50.0	107.0	139.0		
PES-68D	3/4"	50.0	107.0	127.0		



Model ID: **PES-XX(D).YY** (XX: fitting size in #/8 inch, D: double wall, YY: pore size in 20 / 35 / 70 μ m)

Example:

- PES-68.20 3/4" fitting, single wall, 20 μ m pore, high noise reduction
- PES-68.35 3/4" fitting, single wall, 35 μ m pore
- PES-68.70 3/4" fitting, single wall, 70 μ m pore, high flow
- PES-68D.20 3/4" fitting, double wall, 20 μ m pore, high noise reduction
- PES-68D.70 3/4" fitting, double wall, 70 μ m pore, high noise reduction, high flow

Customized model available upon request