

A pneumatic fitting in the **BSL series** is a standard **brass or sintered bronze exhaust muffler** (or silencer) used to reduce dynamic noise and filter exhaust air from pneumatic valves and cylinders.

These components typically feature a male thread that screws directly into an exhaust port and a porous filter element that diffuses the air. [

Key Specifications

- **Material:** Typically constructed with a solid brass body and a porous sintered bronze filter.
- **Function:** Lowers exhaust noise to safe workplace levels (typically around 70-85 dB) while preventing dust and debris from entering open pneumatic ports.
- **Thread Types:** Available in standard metric (**M5**) and British Standard Pipe (**BSP**) sizes including 1/8", 1/4", 3/8", 1/2", and 1".
- **Operating Range:** Handles pressures generally up to **116 PSI** and temperatures ranging from -10 to 70 °C