

FLEXIBLE CONNECTORS

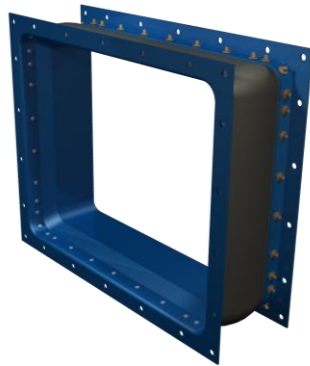
Industrial Products

Product Description

VAW Systems flexible connectors or expansion joints provide an effective acoustical solution for fan connections that require isolation from the equipment vibration. Acoustic flexible connectors will help meet occupational noise limits for workers in close proximity to the fan equipment. Solutions include standard flexible connectors (silicone or EPDM liners), standard flexible connectors with a robust metal flow liner, or cavity pillow styles. The flow liner type connector prevents the flexible material from entering the airstream on a fan inlet and delivers significantly higher acoustic performance (Transmission Loss; dB) as compared to a standard connector. For optimal Transmission Loss, select VAW's cavity pillow connector. All VAW flexible connectors are built with high strength steel and durable liner materials.



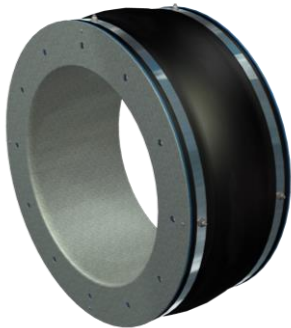
Standard Flex
(Circular)



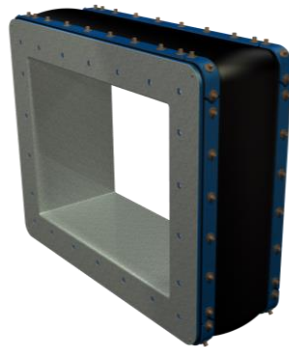
Standard Flex with Flow Liner
(Rectangular)

Standard Features

- Product type selected to suit your acoustical and system requirements
- Size matched to your fan and duct opening size and flange configuration
- Materials: carbon steel (standard)
- Operating Temperature: up to 500 deg.F (standard finish)
- Operating Pressure: -80 to +80 in.w.g. (standard)
- Lateral and axial displacement: +/- 1.0 in.
- Shipped with back bars for ease of installation



Cavity Pillow
(Circular)



Cavity Pillow
(Rectangular)

Applications

- Fan inlet and outlet air opening (directly mounted to the flange)
- Stack inlets
- Ducted systems

Certified Performance Data

For over 40 years, VAW has been testing, designing, and fabricating noise control products for the HVAC and fan industry in North America with a unique program driven by our experienced acoustic engineers. Our performance data are based on extensive testing:

- Product validation and applied research within our Noise Control Applications Laboratory
- Third party testing at NVLAP® accredited facilities
- Field verification tests

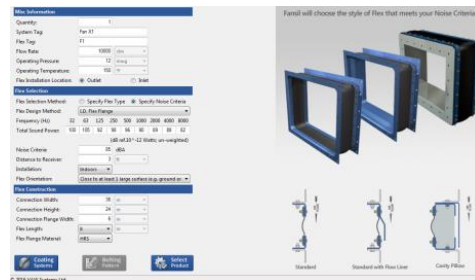
Refer to our Certified Performance Data Sheets and our Selection Software for a complete set of product ratings.



VAW Systems Noise Control Applications Laboratory

Construction Options

- Materials: galvanized or stainless steel
- High temperature and anti-corrosive liners
- Paint systems



Selection Software and Services

Contact VAW for free application engineering and Contact us for Application Engineering and Product Selection Support.

Choose FANSIL® Acoustic Analysis and Selection Software:

- Select a flexible connector directly through a product specification, or using an easy, 1-step acoustic analysis of the noise break-out path-
- Most advanced acoustic algorithms in the noise control market-
- Modern, user friendly interface-
- Drag'n'Drop icon based analysis grid-
- Wide variety of noise control product selections-

Software inquires: fansil@vawsystems.com