

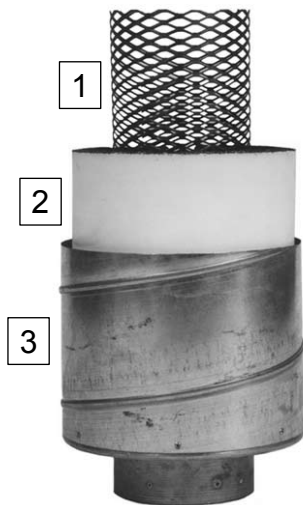


Duct Silencer

Duct Silencers greatly reduce air movement noise levels in your work area or outside the building when located in the duct line on air discharge of fans and dust collectors. Duct Silencers can be installed in new or existing systems. Not to be installed on inlet side of dust collector. Stainless Steel Silencers and larger sizes available, call for quote.

Our Duct Silencer is constructed of three layers.

1. Inside layer, wall fabricated of 22-gauge expanded metal.
2. Second layer of FireFlex Foam* is a sound absorbing melamine acoustical sculptured 2" thick anechoic wedge foam that withstands constant temperatures up to 320°F covered with a hypalon coating. The hypalon coating stops the foam from absorbing contaminate that flows through the duct system and at the same time allows air noise to pass into the sculptured wedge melamine.
3. Outer layer consists of 22 gauge galvanized steel spiral pipe.



Dia.	Length	Width	Part No.
5"	36"	9"	05SILE
6"	36"	10"	06SILE
8"	36"	12"	08SILE
10"	36"	14"	10SILE
12"	36"	16"	12SILE
14"	46"	18"	14SILE
16"	46"	20"	16SILE
18"	46"	22"	18SILE



FREQUENCY (Hz)	125	250	500	1K	2K	4K	NRC
Anechoic Wedge (2")	.03	.31	.81	1.02	1.01	.96	.80

*FireFlex Foam is an excellent noise absorber and is rated for high-temperature applications. Heat resistant to 482° F and able to withstand constant temperatures up to 320° F, FireFlex is engineered for environments where temperatures are high, sparks or other hot materials may fly, large numbers of people congregate, or high technology is used.

FireFlex is constructed with an Anechoic Wedge - Contoured profile traps airborne noise and dissipates it by absorbing the kinetic energy created by sound waves.

