

ACOUSTIC ATTENUATION

DESCRIPTION

Semi-rigid and lightweight insulated ventilation ducts with R4.2, R6, and R8.4 ratings.

Ventflex ASPA is manufactured from thick (0.005") aluminum or type 316 stainless steel.

Ventflex ASPA is produced using a mechanical process without the use of adhesives.

20% of the **Ventflex ASPA** surface is perforated, allowing it to act as an acoustic attenuator by helping reduce noise levels generated by moving air and mechanical systems.

Ventflex ASPA is corrosion-resistant and offers a much lower friction coefficient than standard fabric ducts.

Bending radius: 1 to 1.5 times the pipe diameter.

Insulation: Johns Manville Flex-Glass, certified formaldehyde-free and non-hazardous to health (see technical data sheet).

Available diameters: 3" – 4" – 5" – 6" – 7" – 8" – 9" – 10" – 12" – 14" – 16" – 18" – 19" – 20"

Standard lengths: 10'

This duct is listed **C-UL-S110 – US-UL-181**
Class 1 Flexible Connector

*The C-UL-S110 standard includes testing in accordance with NFPA-90A and NFPA-90B



Flame development	<25
Smoke development	<50
Maximum air velocity	4000 fpm
Continuous mode positive static pressure	15" WC (3 kPa)
Negative static operating pressure in continuous mode	6" WC (0.37 kPa)
Operating temperature range	-30°F to 140°F continuous (à 4" WC) -30°F to 180°F continuous (à 2" WC) -30°F to 250°F continuous (à ½" WC)
Insulation R-value	4.2, 6 or 8.4
Duct thickness	0.005"(0,15mm)
Vapour-barrier material	Metallised polyester
Vapour-barrier thickness	0,0037"/0,095mm