

THERMAL INSULATION

DESCRIPTION

Semi-rigid and lightweight ventilation ducts with R4.2, R6, and R8.4 thermal insulation.

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

Ventflex ASG is produced using a mechanical process without any adhesive.

It is made from a single 0.005" aluminum strip, longitudinally profiled and then assembled along its length into a complex 7-fold seam. This seven-fold joint ensures perfect airtightness at the operating pressures specified in the table below.

Ventflex ASG is easily bendable, allowing effortless 90-degree elbow formations.

It is airtight and adaptable to all types of systems, performing efficiently in both heating and cooling applications.

Ventflex ASG offers a much lower friction coefficient than fabric ducts, thereby reducing the energy consumption of the ventilation system.

Bending radius: 1 to 1.5 times the duct 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'. Aluminum ducts can be compressed down to 45" upon request.

This product meets the standards
C-UL-US-S110 – US-UL-181
Air duct fitting Class 1



Duct materials	Aluminum/Stainless steel
Flame development	<25
Smoke development	<50
Maximum air velocity	4000 fpm
Positive static pressure for continuous operation	15" WC
Negative static operating pressure in continuous mode	6" WC
Operating temperature range	-40°F to 250°F
R-value	4,2 – 6 – 8,4
Duct thickness	0,005"(0,13mm)
Vapour barrier material	Polyethylene
Vapour barrier thickness	0,003"(0,076mm)