

Thermally Insulated

Description:

Semi-rigid and lightweight ventilation duct with R4.2, R6 and R8 insulation. Ventflex ASG is manufactured from aluminum or thick stainless steel type 316 (0.005"). The Ventflex ASG is manufactured using a mechanical process without any added adhesive.

Ventflex ASG is manufactured from a single strip of galvanized or stainless steel 0.005" longitudinally profiled. The profiled strip is then assembled lengthwise in a complex 7 facet joint. This seven-facet seal provides a perfect seal at the operating pressure indicated in the table below.

Ventflex ASG is easily foldable allowing effortless 90-degree elbows.

Ventflex ASG is waterproof and makes it possible to adapt to any type of system both in terms of temperature in heating and cooling mode.

Ventflex ASG offers a much lower coefficient of friction than fabric ducts thus reducing the energy consumed by the ventilation system.

Bending diameter: 1-1.5 times the diameter of the duct

Insulation: John Manville Flex-Glass certified formaldehyde-free and non-hazardous to health (see technical sheet)

Available diameter: 3"- 4"- 5"- 6"- 7"- 8"- 9"- 10"- 12"- 14"- 16"- 18"- 19"- 20" - 22" - 24"

Standard length 10'. Ability to compress aluminum ducts up to 45" on request.

Materials available	Aluminum/stainless steel
Flame spread	< 25
Fume development	< 50
Maximum air velocity	4000ft/min
Continuous positive operating static pressure	15" of WC
Continuous negative operating static pressure	6" of WC
Operating temperature range	-40° F to 250° F
R coefficient of the insulation	4.2, 6 or 8.4
Semi-rigid duct wall thickness	0.005" (0.13mm)
Vapor barrier material	Polyethylene
Vapor barrier thickness	0.003" (0.076mm)

