

# Ventflex AS

## Technical Data

### Description:

**Ventflex AS** is an uninsulated semi-rigid aluminum ventilation duct (316Ti stainless steel or galvanized steel option).

**Ventflex AS** 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 AS** is easily foldable allowing effortless 90-degree elbows.

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

**Ventflex AS** 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

**Available diameter (Aluminum):** 3"- 4"- 5"- 6"- 7"- 8"- 9"- 10"- 12"- 14"- 16"- 18"- 19"-20" (Special order 22"- 24")

**Available diameter (Stainless steel and galvanized steel):** 3"- 4"- 5"- 5,5"- 5,75"- 6"- 7"- 8"

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

Length up to 60' for stainless steel and galvanized steel.

<b>Available materials</b>	Aluminum, stainless steel, galvanized steel
<b>Flame spread</b>	<0
<b>Fume development</b>	<0
<b>Maximum air velocity</b>	4000 ft/min
<b>Continuous positive operating pressure</b>	15" of WC
<b>Continuous negative operating pressure</b>	6" of WC
<b>Operating temperature range</b>	-40F to 250F
<b>Duct wall thickness</b>	0.005" (0.13mm)



This product meets the standards  
C-UL-US-S-110 – US-UL-181  
Air duct fitting class 1

