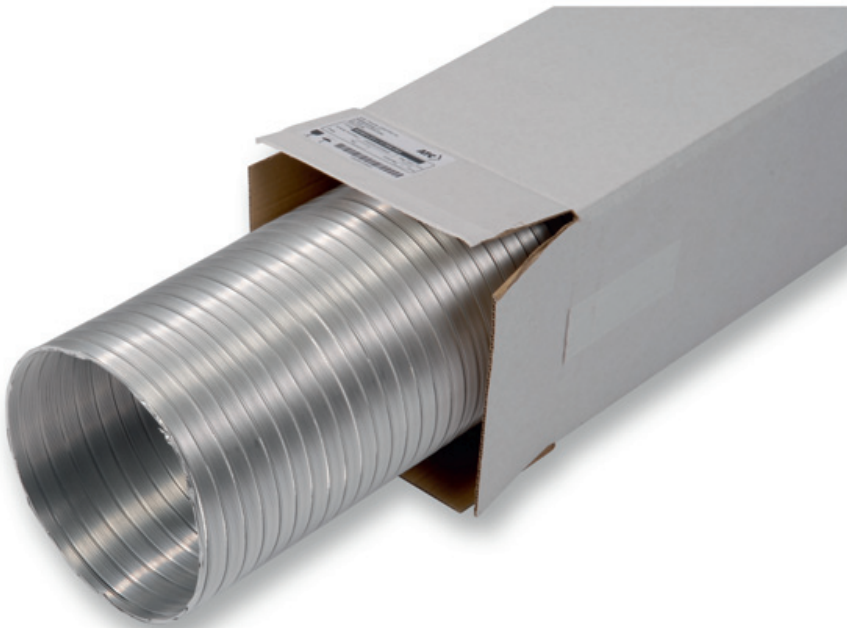


- Non insulated
- Aluminium
- Standard



Non-insulated flexible ducts type SEMIFLEX

The **SEMIFLEX** is a semi-flexible 1-layer aluminium alloy duct. The **SEMIFLEX** duct is easy to install on circular connection parts. As the product does not contain PVC, no toxic vapours are released should fire occur

Application

- The **SEMIFLEX** flexible ducts are used in ventilation, air conditioning, and air handling systems where a high mechanical strength is required.

Composition

- Spiral wound and profiled strip from aluminium alloy, thickness: 80 μ
- Colour: Aluminium (in black colour available on request)

Specification

- Temperature range: From - 10 °C till + 200 °C
- Air velocity (max): 15 m/s
- Operating pressure (max): + 2000 Pa
- Bend radius: 1 X D
- Diameter range: 82 mm - 315 mm
- Fire resistance: A1 according DIN4102KL and EN13180

Packaging

- Each standard length of 3 m is compressed in an individual, reinforced cardboard box

Chemical resistance

- Good resistance to many solvents
- Moderate resistance to acid and base

Static properties

- The **SEMIFLEX** is suitable for applications where static discharges have to be avoided

Restrictions

- The **SEMIFLEX** ducts are not suitable for transporting air with a high concentration of acid and base
- The **SEMIFLEX** cannot be used for discharging combustion gases from open fireplaces and oil-fired boilers

Accessories

- Clamps, type **MCA**
- Aluminium tape, type **ALUTAPE 40S PREMIUM**

Text for tender

- The connection between the ventilation system and the plenum boxes shall be done with the use of flexible ducts made of pure aluminium
- ATC
- Type **SEMIFLEX**

Order example

- **Semiflex, 254**

Explanation :

Semiflex = Type of Flexible duct

254 = Diameter of flexible duct

Pressure loss graph