



## Non-insulated flexible ducts type SEMIFLEX 80 µ

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**

### Order example

- **Semiflex, 254**

Explanation :

**Semiflex** = Type of Flexible duct

**254** = Diameter of flexible duct

### Pressure loss graph

