

- Non insulated
- PVC (grey)
- Standard



## Non-insulated plastic coated flexible ducts type GREYFLEX 100

**GREYFLEX 100** is a fully flexible, light PVC duct, coated on both sides with a copolymer. A spiral, made of spring patented wire, has been inserted into the fabric. This flexible duct is easy to install, either on circular or on oval connection parts

### Application

- The **GREYFLEX 100** flexible ducts are used in ventilation, air conditioning, and air handling systems where a high mechanical strength is required, such as air supply cabinets or machine exhaust duct systems.

### Composition

- One layer of PVC, both sides coated with a copolymer, total thickness: 250  $\mu$
- A spiral is made of spring patented wire class B - DIN 17223, pitch is 40 mm up to dia 152, 42 mm from dia 165 onwards
- Diameter range: 82 - 635 mm
- Colour: grey

### Specification

- Temperature range: From -25°C till +70°C
- Maximum air velocity: 30 m / sec (5900ft / min)
- Maximum operating pressure: + 3000 Pa
- Minimum bending radius: 0.56 x D
- Fire resistance: **GREYFLEX 100** is self extinguishing class B2 according to DIN 4102

### Packaging

- Each standard length of 10 m is compressed in an individual, reinforced cardboard box

### Chemical resistance

- The resistance decreases, if the relative air humidity of the air with chemicals, which has to be transported, increases

### Restrictions

- GREYFLEX 100
- ducts are not suitable for transporting air with solvents and high temperature, like combustion gas
- ducts are not suitable for applications, where static discharges have to be avoided

### Accessories

- Clamps, type **MCA**
- Tape, type **Greytape 50**

### Order example

- **Greyflex, 254**

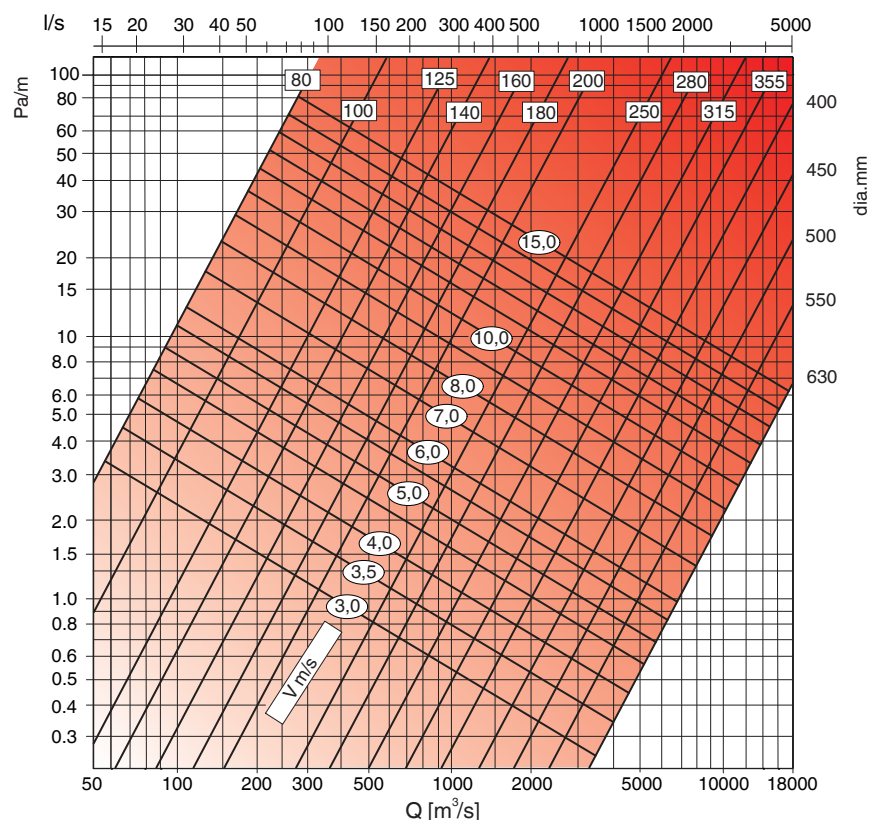
Explanation :

**Greyflex** = Type of Flexible duct

**254** = Diameter of flexible duct

### Pressure loss graph

Pressure loss graph



Pressure loss in 90° bend

