

- 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 μ
- 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**

Text for tender

- The connection between the ventilation system and the plenum boxes shall be done with the use of PVC ducts
- **ATC**
- Type **GREYFLEX 100**

Order example

- **Greyflex, 254**

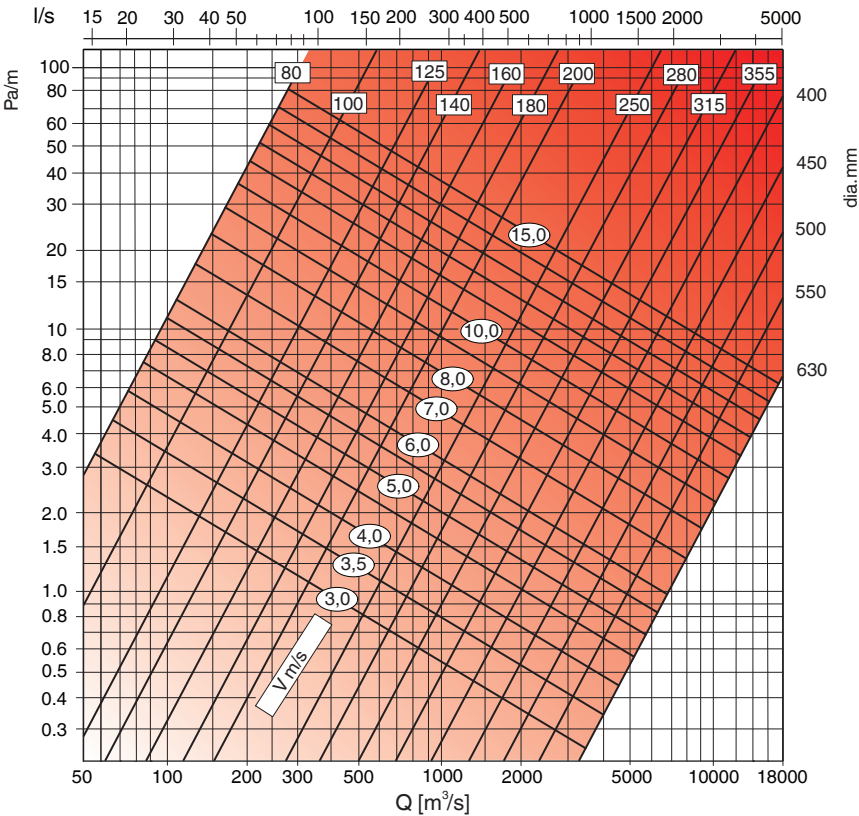
Explanation :

Greyflex = Type of Flexible duct

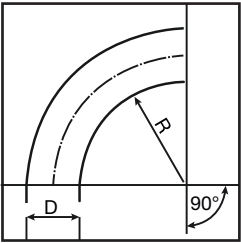
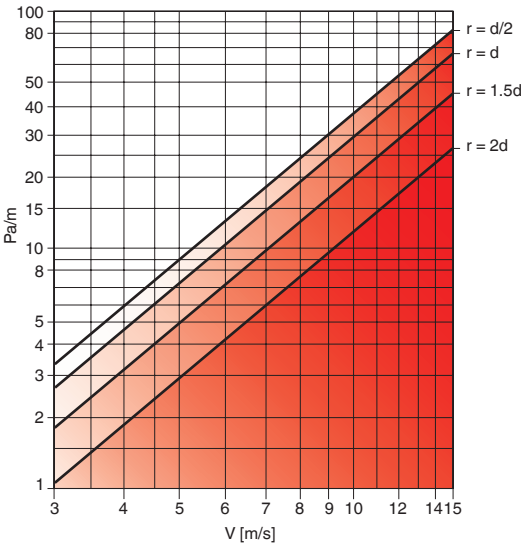
254 = Diameter of flexible duct

Pressure loss graph

Pressure loss graph



Pressure loss in 90° bend





Textile tapes type GREYTAPE

Polyethylene coated textile fabric with an adhesive back composed of 2 layers

Brand

- SUFIX

Application

- Used on ductwork to provide an airtight seal, a sure and long lasting moisture-proof and sealing-proof barrier against weather influences
- For maximum effect the surface must be clean and free of dust, moisture and other foreign contamination
- Storage in a properly ventilated room at a temperature between 16 and 25°C away from humidity

Material

- Polyethylene coated textile fabric with a synthetic rubber adhesive back

Specifications

- Available in 50 or 75 mm width
- Length per roll: 50 m
- Colour: grey
- Thickness: 170 µm
- Temperature resistance: -10°C / +60°C.
- Application temperature: +5°C / 30°C
- Carrier: polyethylene coated fabric
- Adhesive type: synthetic rubber

Text for tender

- The ductwork connection shall be sealed airtight by means of a polyethylene coated textile fabric with an adhesive back composed of one vinyl and one synthetic rubber adhesive layer.
- **Sufix type GREYTAPE**