

**ISOFLEX CRX
A21**

- Insulated
- Aluminium laminated
- Thermally insulated



Insulated flexible ducts type ISOFLEX CRX A21

Top quality thermally insulated flexible aluminium air duct
Diameter range: 52mm - 635mm

Application

- Ideal for low, medium and high pressure air-conditioning and ventilation systems

Composition

- Triple layers of tough aluminium foil laminate encapsulating a strong bronze coated steel wire helix, using a premium heat cured fire retardant, forming an air tight inner core
- Combines layers of aluminium and polyester laminate using a premium heat cured adhesive forming a durable metalized jacket vapor barrier
- Fiberglass insulation blanket in various R-values
- Fully fire resistant aluminium core and jacket. Will not support combustion
- Air tight. Energy efficient
- Smooth inner core. Keeps friction to a minimum
- High flexibility. Makes installation easy
- Encapsulated wire helix. Does not unravel when cut
- Durable materials. Prevents tearing and puncturing

Specification

- Temperature range: -30° C to 140° C
- Maximum Air Velocity: 30m/s
- Working Pressure: +2500 pa
- French Standards M1/M1
- British Standards Part 6, 7 & 20

Packaging

- Conveniently packaged in 10m lengths and compressed for easy shipping and handling

Chemical resistance

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

Static properties

- The **ISOFLEX 25 G** is suitable for applications where static discharges have to be avoided

Restrictions

- The **ISOFLEX 25 G** ducts are not suitable for transporting air with a high concentration of acid and base
- The **ISOFLEX 25 G** can not be used for discharging combustion gases from open fire places and oil-fired boilers

Accessories

- Clamps type **MCA**
- Aluminium tape , type **Alutape**

Text for tender

- The connection of the plenum boxes shall be done with the use of thermally insulated flexible ducts, M1/M1 according to French standard. The outer jacket shall be reinforced to prevent rupture
- Brand **ATC** Type **ISOFLEX 25 G**

Order example

- Isoflex 25 G, 254

Explanation :

Isoflex 25 G = Type of flexible duct

254 = Diameter of flexible duct

Pressure loss graph

