

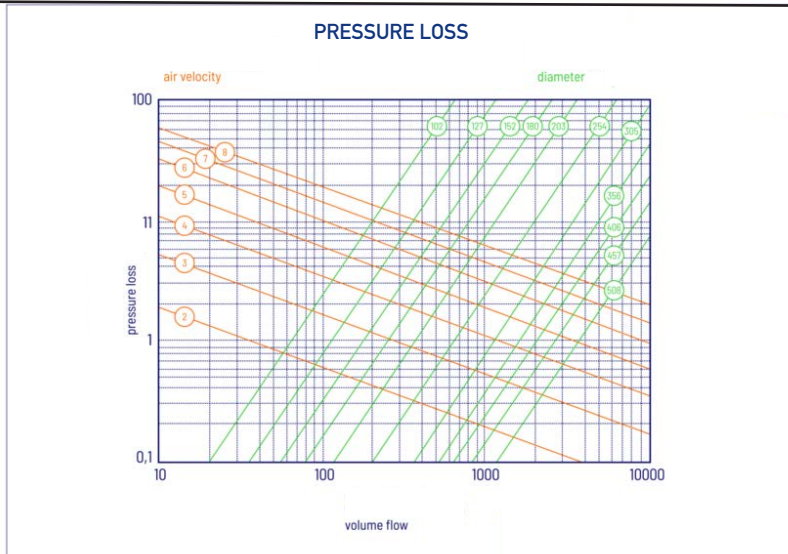
### Product



SimpleFlex® RAGIA - Medical Grade model is a flexible air duct made of three aluminum strips and two polyester films encapsulating a galvanized wire. This duct is flame and smoke resistant for low, medium and high velocity ventilation.

Tested and catalogued according to the standards UL 181 / ULC S110, Class 1 air duct

Flame spread: < 25  
Smoke spread: < 50



### Characteristics

- Colour: Aluminum
- Maximum positive static pressure: 1.5 kPa
- Maximum negative static pressure: 0.125 kPa
- Maximum velocity: 20.3 m/s
- Minimum diameter: 76 mm  $\varnothing$
- Maximum diameter: 508 mm  $\varnothing$
- Standard length: 7.62 m
- Operating temperature: -30° @ 140°C
- Radius of curvature: 0.54 x diameter
- Total thickness: 45 microns

### Specification

Flexible air duct made of three aluminum strips and two polyester films for a total of 5 plies of material all perforated to resist vibration, encapsulating a galvanized wire. Covered with a non-carcinogenic Textrafine (R 4.2) (or R8 / R12) insulation with an overlap of two to four inches (5 to 10 cm) which will in turn be re-covered with an aluminum foil vapour barrier. A grey poly-vinyl jacket is pulled over the inside duct to prevent particles from entering the duct. A special requirement for HVAC systems in medical buildings.

### Guarantee

Trans Continental Equipment products guarantees that all flexible ducts in the SimpleFlex® series, including the TYPE RAGIA model, will be free from defects in materials and workmanship for a period of ten (10) years from date of purchase only. Conditional on our instructions for installation, use, operation and cleaning. Materials and technical specifications may be changed without notice.

<b>PROJECT</b>	<b># PROJECT</b>
<b>ARCHITECT</b>	<b>ENGINEER</b>
<b>SUBMITTED BY</b>	<b>DATE</b>