

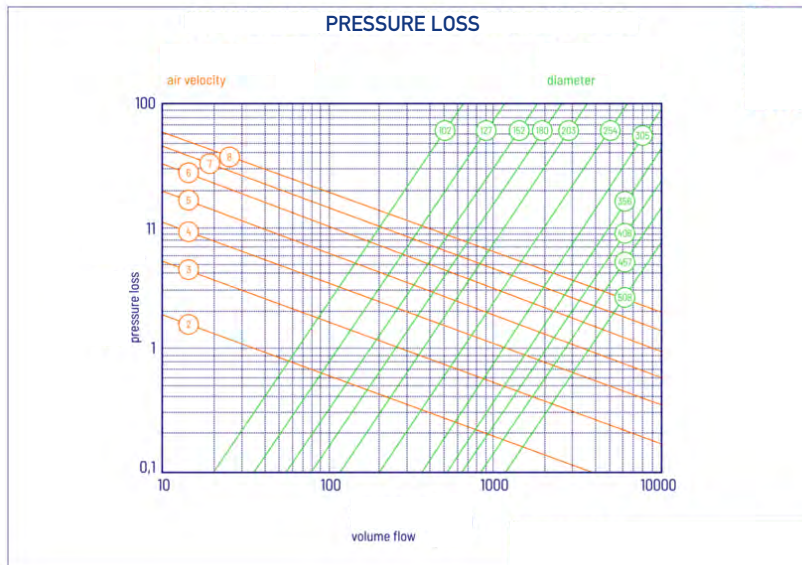
### Product

AL-U-FLEX® SIG 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 ø
- Maximum diameter: 508 mm ø
- Standard length: 7.62 m
- Operating temperature: -30° @ 140°C
- Radius of curvature: 0.54 x diameter
- Total thickness: 45 microns

### Specification

Alloy 1100/3100. A tightly corrugated aluminum fold for added strength and flexibility. Interlocking joints folded flat and then rolled to ensure airtightness. Covered with non-carcinogenic Textrafine R4.2 (or R8 / R12) insulation with an overlap of two to four inches which will in turn be covered with a gray polyethylene vapour barrier.

### Guarantee

Trans Continental Equipment products guarantees that all flexible ducts in the AL-U-FLEX® series, including the SIG 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.

PROJECT	# PROJECT
ARCHITECT	ENGINEER
SUBMITTED BY	DATE