

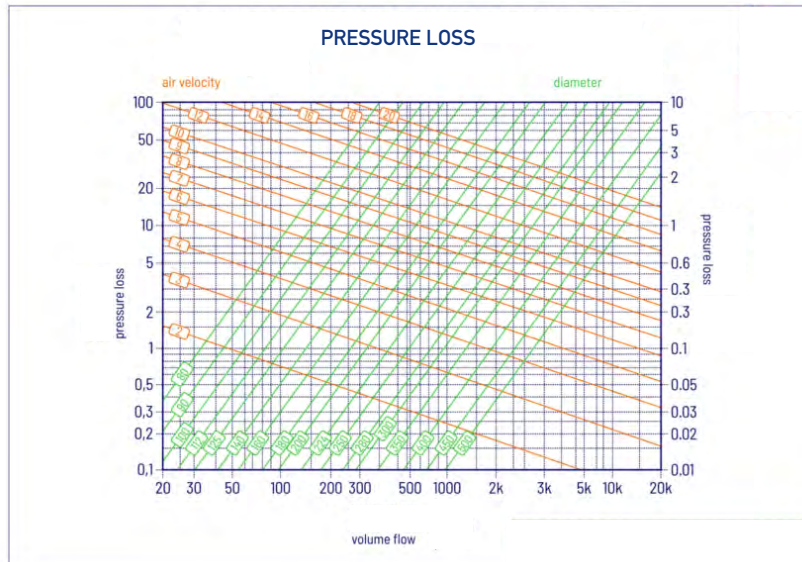
Product

AL-U-FLEX®, SAIG model is a semi-rigid air duct made of aluminum with a fold and perforated to resist vibration. 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: 3.75 kPa
- Maximum negative static pressure: 0.25 kPa
- Maximum velocity: 25.4 m/s
- Minimum diameter: 100 mm \varnothing
- Maximum diameter: 457 mm \varnothing
- Standard length: 3 m
- Operating temperature: -30° @ 250°C
- Radius of curvature: $0.54 \times \text{diameter}$
- Total thickness: 153 microns

Specification

Alloy 1100/3100. A tightly corrugated aluminum fold for added strength and flexibility. Interlocking joints folded flat and then rolled to ensure impermeability. The duct is perforated to resist vibration. 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. The AL-U-FLEX® S model inner duct is perforated to resist vibration.

Guarantee

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