

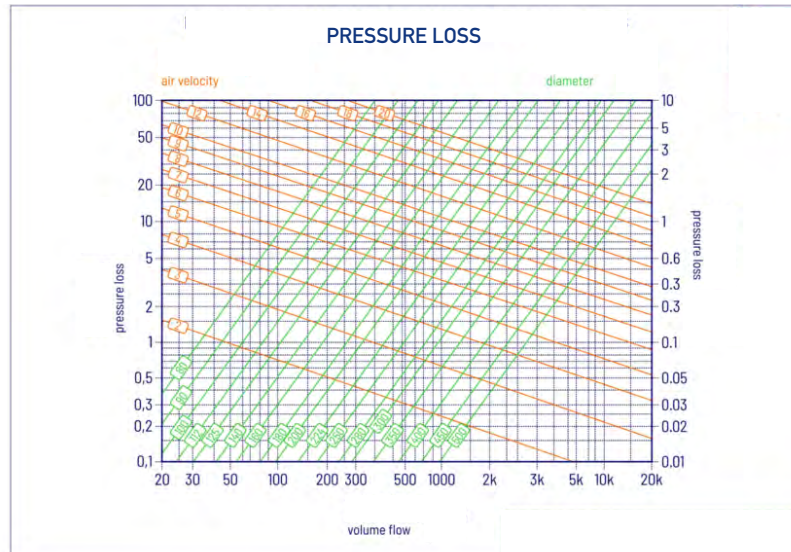
Product

AL-U-FLEX®, SIA model is a semi-rigid air duct made of aluminum with a fold. 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: $0.54 \times$ 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 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 an aluminum vapour barrier.

Guarantee

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