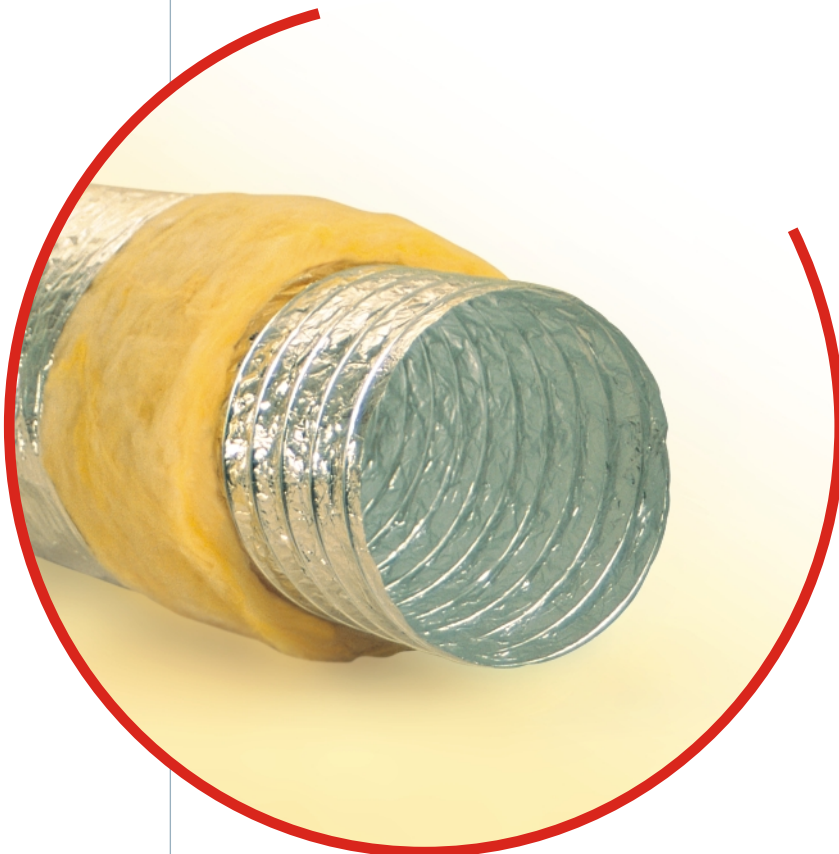


ISOAFS-ALU

INSULATED ALUMINIUM FLEXIBLE AIR DUCTS



ISOAFS-ALU **insulated flexible air ducts** are specifically produced for heating, cooling, ventilation, and air-conditioning systems under low and medium pressure. ISOAFS-ALU are produced from multi layer aluminium, strengthened with high tension hard steel spring wire, surrounded with glass wool insulation (25/50 mm thickness and 16 kg/m³ density) and aluminium vapour barrier.

ISOAFS-ALU **insulated flexible air ducts** have high elasticity and flexibility. Oval, circular and rectangular connectors are easy to install.

The fire resistance of ISOAFS-ALU **insulated flexible air ducts** are tested in different countries and certificated. In case of fire no toxic and poisonous gases are released.

PROPERTIES & ADVANTAGES

ALUMINIUM LAMINATED INTERIOR FLEXIBLE DUCT

Fire resistant (ISOAFS-ALU.70)
100 % Non-flammable (ISOAFS-ALU.70 F)
Impermeability to UV rays
High resistance to UV rays
98 % reflection property
Resistant to chemicals
Easy care and low maintenance

FLEXIBLE & SEAMLESS CONSTRUCTION

Easy to store
Easy to transport
Low installation cost
High resistance to wear and tear
Airtight
Low energy consumption
Low operational and maintenance cost

HIGH TENSION STEEL WIRE

High tenacity
High resistance to deformation
Easy to install

SMOOTH INNER SURFACE

Minimal pressure loss
Low operational cost
Anti-static / Dust proof interior

GLASS WOOL INSULATION

Heat resistant (Certificated)
Minimal energy loss
Perfect insulation property
Non-condensation

ALUMINIUM LAMINATED OUTER JACKET

Fire resistant (Certificated)
High resistance to wear and tear
Impermeability to UV rays
High resistance to UV rays
98 % reflection property
Resistant to chemicals
Easy care and low maintenance

TECHNICAL PROPERTIES

	ISOAFS-ALU.70	ISOAFS-ALU.70 F
Inner Flexible Construction	Aluminium	Aluminium
Nominal Thickness of Inner D.	74 micron	55 micron
Outer Barrier Construction	Aluminium	Aluminium
Nominal Thickness of Outer J.	45 micron	45 micron
Insulation	25/50 mm glass wool, 16 kg/m ³	25/50 mm glass wool, 16 kg/m ³
Diameter Range	82 mm - 508 mm	82 mm - 508 mm
Temperature Range	-30°C / +150°C	-30°C / +250°C
Air Velocity	30 m/s (Max.)	30 m/s (Max.)
Operation Pressure	3000 Pa (Max.)	3000 Pa (Max.)
Standard Length	10 m.	10 m.
Packing	Single cardboard box	Single cardboard box
Fire Certificates	CSTB M1 (FRANCE) CSI Class-1 (ITALY)	CSTB M0 (FRANCE) (inner duct) MPA 6Q3(SWITZERLAND)(inner duct) CSTB M1 (FRANCE) (outer jacket) CSI Class-1 (ITALY) (outer jacket)

For special order M0+M0 is available.