

## NON-INSULATED ALUMINIUM FLEXIBLE AIR DUCTS



### TYPES:

**ALUAFS.70**  
(M1, difficult to ignite)

**ALUAFS.70 UL**  
(M1, difficult to ignite)

**ALUAFS.F**  
(M0, limited combustibility)



## ALUAFS

- ALUAFS non-insulated aluminium flexible air ducts are specifically produced for low and medium pressure heating, cooling, ventilation, exhaust and air conditioning systems.
- Airtight ALUAFS is produced from multi-layer aluminium and polyester, strengthened with high tension hard steel spring wire.
- ALUAFS has high elasticity and flexibility. It can be easily fitted to circular, oval or rectangular connectors.
- The fire resistance of ALUAFS has been tested and certified by various international bodies. In case of fire, no toxic or poisonous gases are released.

### PROPERTIES & ADVANTAGES

#### ALUMINIUM LAMINATED BODY

- Difficult to ignite (ALUAFS.70)
- Limited combustibility (ALUAFS.F)
- Impermeable to UV rays
- High resistance to UV rays
- 98 % reflective
- Resistant to chemicals

#### SMOOTH INNER SURFACE

- Minimum pressure loss
- Anti-static
- Dust proof interior

#### HIGH TENSION STEEL WIRE

- High resistance
- High resistance to deformation
- Easy to install

#### FLEXIBLE & SEAMLESS CONSTRUCTION

- Easy to store
- Easy to transport
- Low installation cost
- High resistance to wear and tear
- Airtight
- Low operation and maintenance costs

## TECHNICAL PROPERTIES

TYPE	ALUAFS.70	ALUAFS.70 UL	ALUAFS.F
Fire Resistance	Difficult to ignite	Difficult to ignite	Limited combustibility
Construction	3 ply aluminium 2 ply polyester	3 ply aluminium 2 ply polyester	3 ply aluminium 1 ply polyester
Nominal Thickness	70 micron	70 micron	74 micron
Available Diameters	Ø 52 mm – Ø 800 mm	Ø 102 mm – Ø 254 mm	Ø 52 mm – Ø 800 mm
Temperature Range	-30 °C / +150 °C	-30 °C / +150 °C	-30 °C / + 250 °C
Air Velocity	30 m/s (max)	30 m/s (max)	30 m/s (max)
Operating Pressure	3000 Pa (max)	3000 Pa (max)	3000 Pa (max)
Standard Length	10 m	10 m	10 m
Packing	Single cardboard box	Single cardboard box	Single cardboard box

### FIRE CERTIFICATE

France	LNE	M1	M0
United Kingdom (BS 476 Part 6&7)	EXOVIG	Class 0	
Italy	CSI	Class 1	
Switzerland	swiss		6q3
United Kingdom (EN 13501-1)	EXOVIG	Class B - s1, d0	
Europe		EN ISO 11925-2 single flame source test report	EN ISO 1716 gross calorific value test report
		EN 13823 single burning item test report	

### CERTIFICATE

Russia	PG	GOST-R	GOST-R
USA	Intertek	Puncture test per UL 181	
USA	Intertek	10 000 Pa (max) @ Ø 102 mm Positive pressure test per UL 181	
USA (UL 181)	UL LISTED		UL LISTED

Available on request

- Customized lengths
- Private label
- Net packing
- Plastic bag packing
- Bulk packing

