

UNINSULATED ALUMINIUM FLEXIBLE AIR DUCTS



PRODUCTION TYPES:

ALUFLEX 40

ALUFLEX 60

ALUFLEX 70

ALUFLEX

- ALUFLEX uninsulated aluminium flexible air ducts are specifically produced for low, medium and high pressure heating, cooling, ventilation, exhaust and air conditioning systems.
- Airtight ALUFLEX is produced from multi-layer aluminium and polyester, strengthened with high tension steel spring wire.
- ALUFLEX high elasticity and flexibility. It can be easily fitted to circular and oval connectors.

PROPERTIES & ADVANTAGES

ALUMINIUM LAMINATED BODY

- Difficult to ignite (ALUFLEX 40, 60, 70)
- Resistant to chemicals

FLEXIBLE & SEAMLESS CONSTRUCTION

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

SMOOTH INNER SURFACE

- Minimum pressure loss

HIGH TENSION STEEL WIRE

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

TECHNICAL PROPERTIES

TYPE	ALUFLEX 40	ALUFLEX 60	ALUFLEX 70
Fire Resistance	Difficult to ignite	Difficult to ignite	Difficult to ignite
Construction	2 ply aluminium 1 ply polyester	3 ply aluminium 2 ply polyester	3 ply aluminium 2 ply polyester
Nominal Thickness	40 micron	60 micron	70 micron
Available Diameters	Ø 102 mm. - Ø 508 mm.	Ø 102 mm. - Ø 508 mm.	Ø 102 mm. - Ø 508 mm.
Temperature Range	-30 °C /+150 °C	-30 °C /+150 °C	-30 °C /+150 °C
Air Velocity	25 m/s (max)	30 m/s (max)	30 m/s (max)
Operating Pressure	2500 Pa (max)	3000 Pa (max)	3000 Pa (max)
Wire Spacing	35 mm.	35 mm.	25 mm.
Standard Length	10 m	10 m	10 m
Packing	Single cardboard box	Single cardboard box	Single cardboard box