



DESCRIPTION

The AMIFLEX® flexible duct is made of metalizing casing, reinforced with spirally wound steel wire for non insulated duct. Flexible duct with insulation can reduce heat and noise, with additionally glasswool insert and covered with metalizing film casing.

Flexible Duct with
Glasswool Insulated



Flexible Duct
Non Insulated

CONSTRUCTION & DIMENSION

AMIFLEX® are fully flexible high quality thermally insulated ducts for various purposes such as medium and low velocity heating, ventilating or air conditioning system. The ducts consist of fiberglass insulation with a tough outer jacket for vapour barrier constructed of multiple layer of metalizing laminated construction and reinforced with fiberglass. The ducts are easily installed over either round or oval connection.

AMIFLEX® Metalizing Flexible Duct is available in diameter ranging from 100 mm to 400 mm (4 Inch - 16 Inch) with standard length is 10 meters (other length available on order). For transport and site handling, the duct is compressed thus reducing freight, cartage and storage cost. The strength of the duct minimize damage due handling.

Fiberglasswool Insulation with various density from 16, 24 and 32 Kg/m³ has two different thickness (25 mm and 50 mm) to make sure thermal efficiency and noise reduction in ducting systems.

TECHNICAL DATA

Diameter Available:

4 Inch (100 mm)	10 Inch (250 mm)
5 Inch (125 mm)	12 Inch (300 mm)
6 Inch (150 mm)	14 Inch (350 mm)
8 Inch (200 mm)	16 Inch (400 mm)

Standard Lengths : 10 Meters

Compress : Up to 90%

Temperature Range : -30°C - 100°C

Steel Wire : 1.0 mm - 1.2 mm

Pressure Rating : 250 mm WG (+ve)
25 mm WG (-ve)

Insulation Density : 16 - 32 Kg/m³

Standard Insulation : Fiberglass Wool
25 mm and 50 mm

INSTALLATION

Cutting and installation of AMIFLEX® Metalizing Flexible Duct is simple, required a knife cutter and a wire cutter. The great flexibility allows obstruction and tight situations to be overcome with ease. It is particularly beneficial for connection to air outlets in false ceilings, making adjustment to suit final positioning much easier. Flexible duct must always be fully extended and bends made with adequate radius to prevent corrugation of the interior with consequent excessive resistance to air flow.



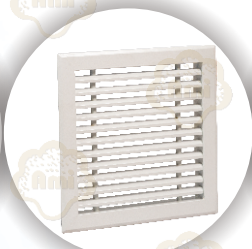
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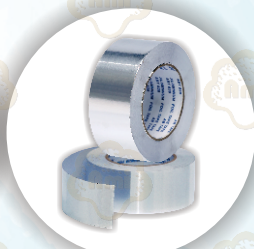
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AB DUCT
PIR PANEL



AB TAPE
ALUMINIUM TAPE



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