



KOMBI PVA

Flexible ducts

SAGIFLEX *Air*

Fire rating**	Flame retardant (categoria II)
Operating temperature	- 10°C +120°C
Radius of bend	R = 0,6 D* min.
Max. supply pressure	2000 Pa
*D= Ø internal nominal	

PVC/ALUMINIUM combined flexible duct that combines the high mechanical resistance of the outer PVC layer with the fire resistant feature of the inner aluminum layer. Flexible duct for use in low, medium and high air speed systems, suitable to installations in very difficult situations.

Construction KOMBI flexible ducts are internally made of multiple aluminum sheets with a protective polyester layer and protected externally with PVC. High tensile strength spring steel spiral coil.

Applications Mainly used, either for domestic ventilation and for heating, ventilation and air conditioning systems. Suitable to connect misaligned air terminal devices and for various other domestic and industrial applications.

Installation The duct can be directly connected to the unit and clamped by standard band or clamps. Suitable to connect misaligned air terminal devices and for various other domestic and industrial applications.

Carton content 1 10 m piece

** Product certified Class 1 no. CSI/0015/04/RF issued by C.S.I. on 17-05-2005
Certified Class 1 with report no. M 2311C20D100002 issued by the Ministry for the Interior

Internal (mm) Ø	Internal (mm) Ø
80	304
100	315
125	355
150	400
160	450
180	500
200	630
250	

KOMBI PVA 1 CC

Flexible ducts

SAGIFLEX *Air*

Fire rating**	Self extinguishing certificate Class 1
Operating temperature	- 10°C +120°C
Radius of bend	R = 0,6 D* min.
Max. supply pressure	2000 Pa
*D= Ø internal nominal	

Internal (mm) Ø	Internal (mm) Ø
80	304
100	315
125	355
150	400
160	450
180	500
200	630
250	



Flexible duct made by a PVC coated fabric (nylon or fiber glass).

Applications Mainly used for mechanical ventilation and in heating, ventilation and conditioning systems.

Quantity per carton 18 m (3 x 6 m)

**** Product with certification Class 1 n° CSI/0089/95/RF released by C.S.I. dated 26-07-1995**

PV-1

Flexible ducts



Fire rating**	Class 1 (I) - M 1 (F)
Operating temperature	- 10°C + 80°C
Bending radius	R = 0,6 D* min.
Maximum pressure	2500 Pa
ø D= nominal inside	

Internal (mm) ø	Internal (mm) ø
63	250
80	304
100	315
125	355
150	400
160	450
180	500
200	630



Duct made by a PVC coated fabric, thermally insulated by a 25 mm thick fiber glass layer. The outside vapor-barrier layer is supplied in PVC.

Applications Used as insulated duct connector in conditioning systems.

Quantity per carton 1 (6 m) piece

PV-1 T

Flexible ducts



Fire rating	M 1 (F)
Operating temperature	- 10°C + 80°C
Bending radius	R = 0,6 D* min.
Maximum pressure	2500 Pa
ø D= nominal inside	

Internal (mm) ø	Internal (mm) ø
80	304
100	315
125	355
150	400
160	450
180	500
200	630
250	



The inside duct is a PVC coated glass fiber mesh, thermally and acoustically insulated by a 25 mm thick glass fiber layer. The outside vapor-barrier layer is supplied in PVC.

Application This duct is used to reduce the transmission of sound and vibrations.

Quantity per carton 1 (6 m) piece

PV-1 P

Flexible ducts



Fire rating	M 1 (F)
Operating temperature	- 18°C + 75°C
Bending radius	R = 0,6 D* min.
Maximum pressure	500 Pa
ø D= nominal inside	

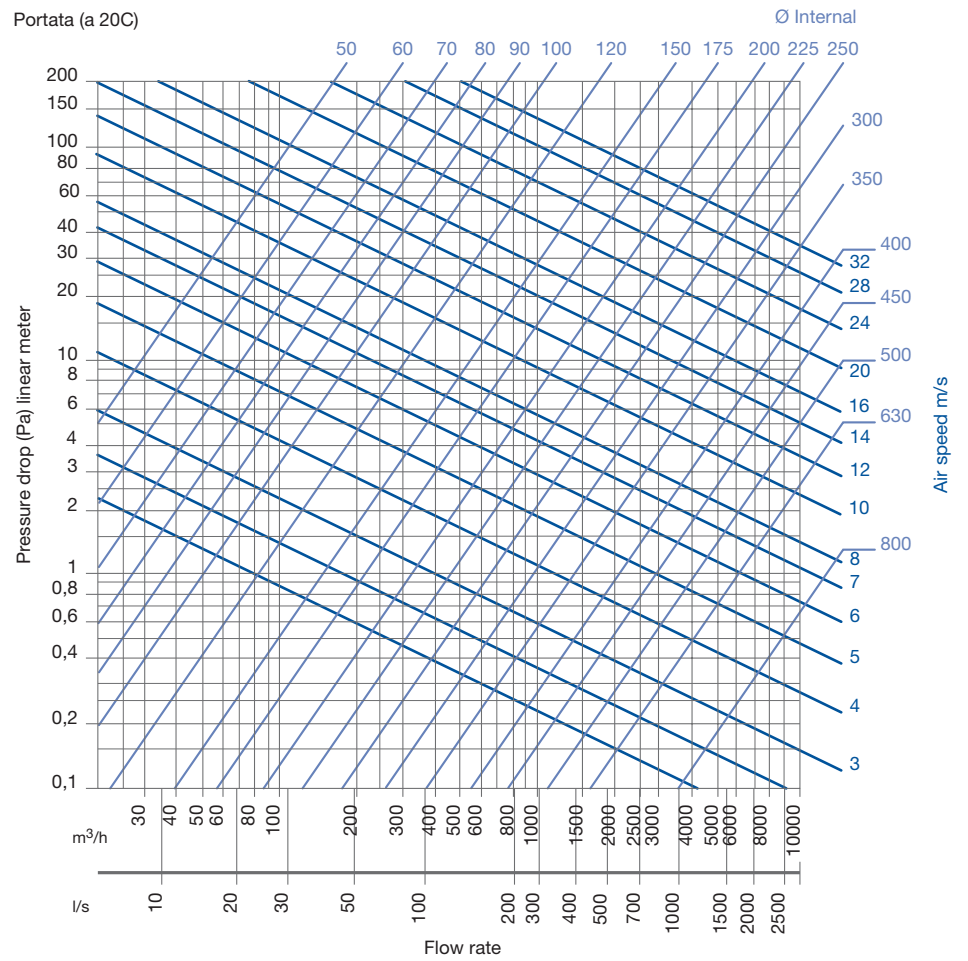
Internal (mm) ø	Internal (mm) ø
80	304
100	315
125	355
150	400
160	450
180	500
200	630
250	

Flexible ducts

Pressure drop

Flexible duct

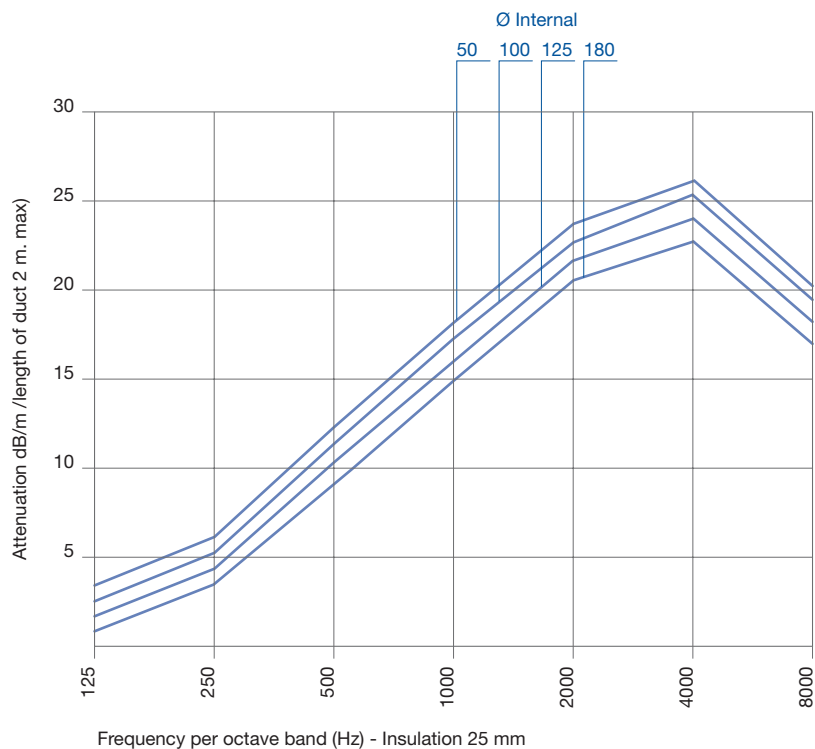
PV
PV - 1
PV - 1 T
PV - 1 P
PVA
PVA - 1 CC



Sound attenuation

Flexible duct

PV - 1 P





AL-1

Flexible ducts



Fire rating**	Class 1 (I) - M 1 (F) - BSI 476 p 6 (UK)
Operating temperature	- 30°C + 150°C
Bending radius	R = 0,6 D* min.
Maximum pressure	2500 Pa
ø D= nominal inside	

Duct with multiple layers of aluminium foil bonded to a protective layer of polyester.

Applications Mainly used for mechanical ventilation and in heating, ventilation and conditioning systems.

Quantity per carton 20 m (2 x 10 m)

** Product with certification Class 1 n° CSI/0089/95/RF released by C.S.I. dated 26-07-1995

Internal (mm) ø	Internal (mm) ø
100	250
125	304
140	315
150	355
160	400
180	500
200	



AL-1 T

Flexible ducts



Fire rating	M 1 (F) - BSI 476 p 6 (UK)
Operating temperature	- 30°C + 150°C
Bending radius	R = 0,7 D* min.
Maximum pressure	2500 Pa
ø D= nominal inside	

Internal duct like AL 1, thermally insulated with a 25 mm thick fiber glass layer, externally protected by glass fiber reinforced aluminium laminated foil.

Applications Mainly used as insulated duct in mechanical ventilation, heating and conditioning systems, to reduce the transmission of noise and vibrations.

Quantity per carton 1 (10 m) piece

Internal (mm) ø	Internal (mm) ø
100	250
125	304
140	315
150	355
160	400
180	450
200	500



AL-1 P

Flexible ducts



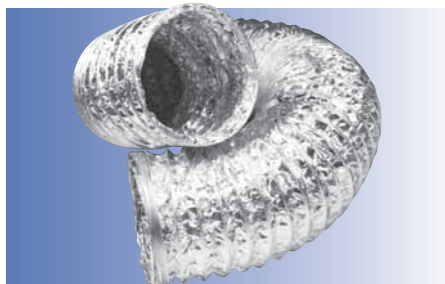
Fire rating	M 1 (F) - BSI 476 p 6 (UK)
Operating temperature	- 30°C + 150°C
Bending radius	R = 0,7 D* min.
Maximum pressure	ø ≤ 400 mm 2500 Pa - ø > 400 mm 1000 Pa
ø D= nominal inside	

Internal duct like AL 1, micro-perforated, thermally and acoustically insulated by a 25 mm thick glass fiber layer. Externally protected by glass fiber reinforced aluminium laminated foil.

Applications Mainly used as insulated duct in mechanical ventilation, heating and conditioning systems, to reduce the transmission of noise and vibrations.

Quantity per carton 1 (10 m) piece

Internal (mm) ø	Internal (mm) ø
100	250
125	304
140	315
150	355
160	400
180	450
200	500



AL-0

Flexible ducts



Fire rating	M 0 (F)
Operating temperature	- 30°C + 250°C
Bending radius	R = 0,6 D* min.
Maximum pressure	3000 Pa
ø D= nominal inside	

Duct with multiple layers of aluminium foil bonded to a protective layer of polyester.

Applications Mainly used for mechanical ventilation and in heating, ventilation and conditioning systems.

Quantity per carton 20 m (2 x 10 m)

Internal (mm) ø	Internal (mm) ø
100	304
125	315
150	355
160	400
180	450
200	500
250	



AL-0 T

Flexible ducts



Fire rating	M 0 - M 1 (F)
Operating temperature	- 30°C + 250°C
Bending radius	R = 0,7 D* min.
Maximum pressure	2500 Pa
ø D= nominal inside	

Internal duct like AL 0, thermally insulated with a 25 mm thick fiber glass layer, externally protected by glass fiber reinforced aluminium laminated foil.

Applications Mainly used as insulated duct in heating and conditioning systems.

Quantity per carton 1 (10 m) piece

Internal (mm) ø	Internal (mm) ø
100	304
125	315
150	355
160	400
180	450
200	500
250	



AL-0 P

Flexible ducts



Fire rating	M 0 - M 1 (F)
Operating temperature	- 30°C + 250°C
Bending radius	R = 0,7 D* min.
Maximum pressure	ø ≤ 400 mm 2500 Pa - ø > 400 mm 1000 Pa
ø D= nominal inside	

Internal duct like AL 0, micro-perforated, acoustically insulated by a 25 mm thick glass fiber layer. Externally protected by glass fiber reinforced aluminium laminated foil.

Applications Mainly used heating, ventilation and conditioning systems up to 200 Pa max., to reduce the transmission of noise and vibrations.

Quantity per carton 1 (10 m) piece

Internal (mm) ø	Internal (mm) ø
100	304
125	315
150	355
160	400
180	450
200	500
250	



PAS 25/2 - 50/2

Flexible ducts

SAGIFLEX *Air*

Fire rating

M 0 (F) - SI 476 p 6 (UK)

Operating temperature

- 30°C + 250°C

This attenuator is made by two flexible aluminium concentric ducts, separated by a 25 mm thick glass fiber insulation layer. A connecting tight flange is fitted at the two ends.

Applications It is used to reduce noise in ventilation and conditioning air ducts.

Quantity per carton 1 (1 m) piece

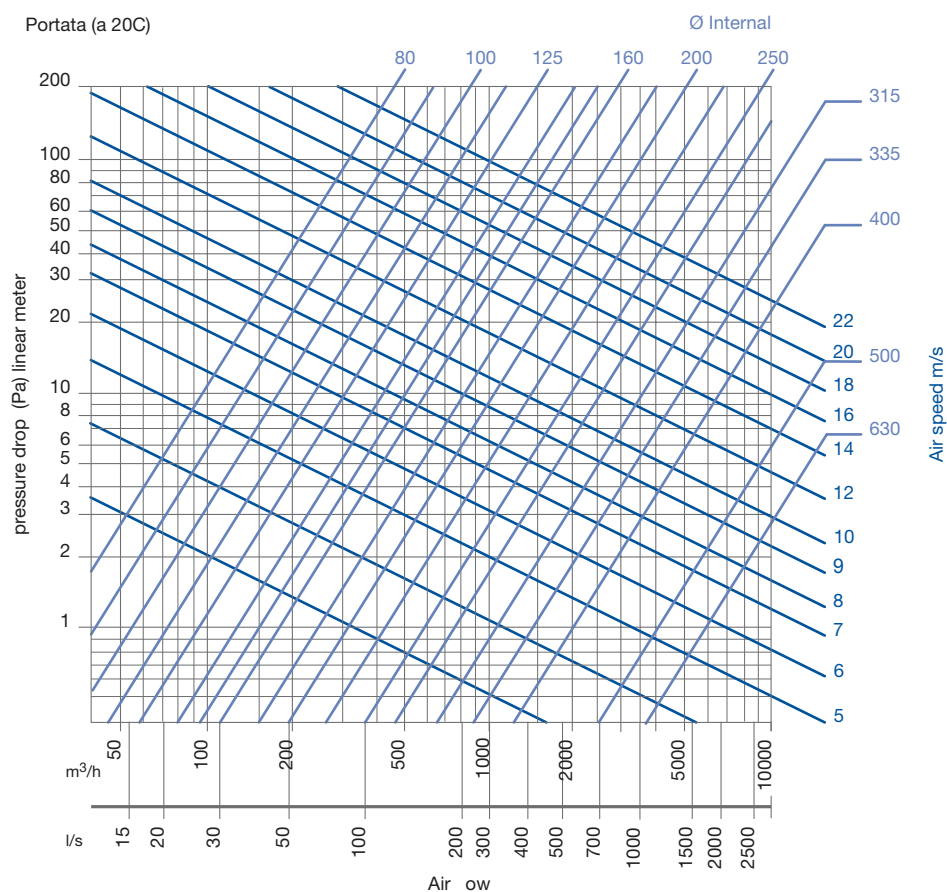
Internal (mm) ø	Internal (mm) ø
80	80
100	100
125	125
160	160
200	200
250	250
315	315
355	355
400	400

Flexible ducts

Pressure drop

Flexible duct

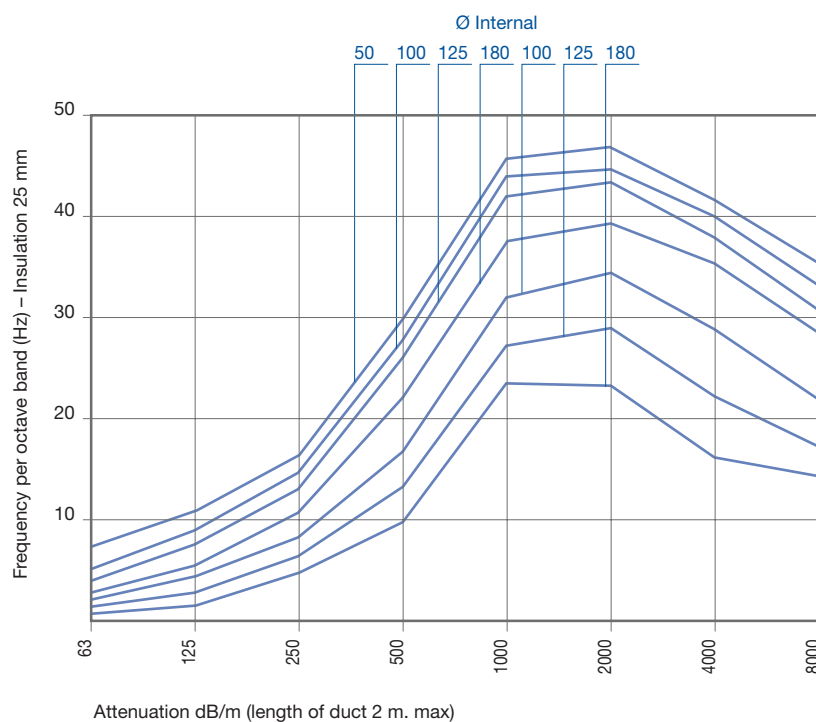
AL
AL - 1 T
AL - 0
AL - 0 T
AL - 0 P
AL - 1 P



Sound attenuation

Flexible duct

AL - 0 P
AL - 1 P
ALS - 0 P 25

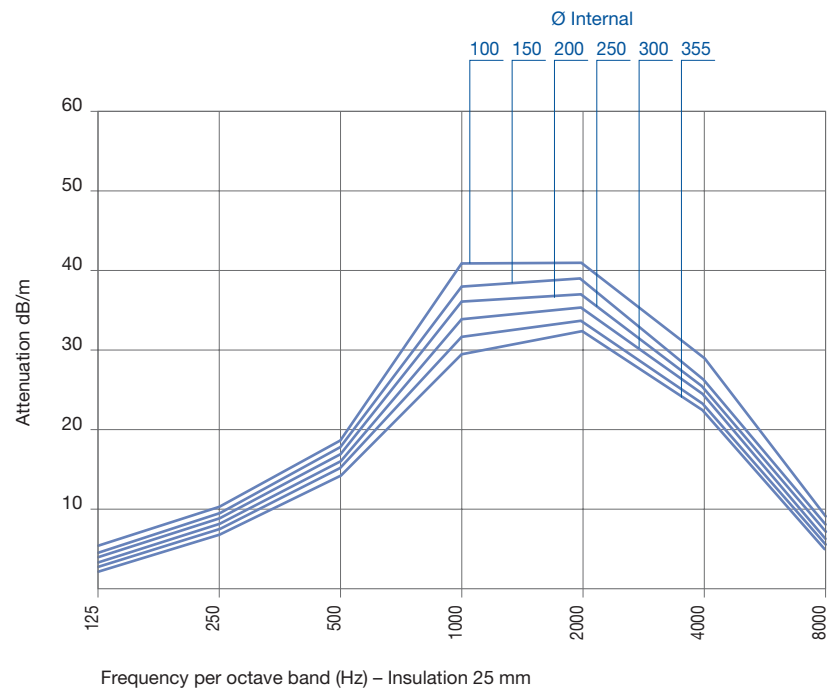


Flexible ducts

Sound attenuation

Flexible duct

PAS 25/2



Sound attenuation

Flexible duct

PAS 50/2

