



COMMITMENT IS THE DIFFERENCE

## EUROFLEX FLEXIBLE DUCTING

technical

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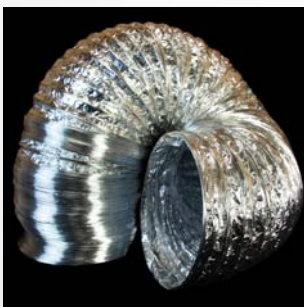
# EUROFLEX FLEXIBLE DUCTING 01

technical

Euroflex Flexible aluminium ducting is made in South Africa under licence to DEC (Dutch Environmental Corporation) of Holland - world leaders in flexible duct manufacturing. Ducting is constructed from aluminium/polyester/aluminium laminate with a heavy duty steel helix core. Euroflex stretches and bends to fit in even the most inaccessible areas - 10 metres of Euroflex fits into a 80 cm long box, and can bend to a radius to diameter ratio of 1. Euroflex is light as air and a breeze to work with, yet it's tough enough to take the roughest handling - a real benefit when you're working against the clock, or in tight spaces. Euroflex is made of non-toxic materials, so that even the highest working temperatures produce no harmful smoke or gas, and it's made to demanding international standards Euroflex conforms to SABS 0177 part 3 Class 1 fire index rating (SABS, Dutch T.N.O. British and American UL 181 reports are available on request). Euroflex aluminium ducting is the flexible answer to your air-conditioning and ventilation problems.



At high temperature, or in case of fire, no toxic or gas emissions. The tough standard 3-layer aluminium laminate construction, with a total thickness of 45 microns, encapsulates a high tensile steel wire helix.



Diameter Range	62 mm to 610 mm
Temperature Range	-30°C to +1400°C
Air Velocity	Max 250 mm 25 m/sec
Working Pressure	Max 250 mm DG Min (D/30 - 25) x 9.81 Pa
Standard Length	10 metres packed into an individual carton
Fire Rating	SABS 0177 Part 3 Class 1

The above can also be supplied in thicknesses of 70 and 112 microns upon request.

Uninsulated  
Aludec - 45

## FLEXIBLE DUCTING



Eurotherm A



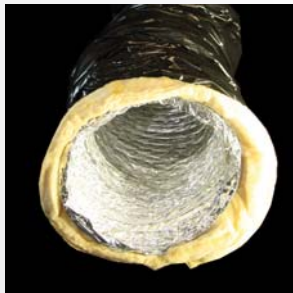
Eurotherm P



Thermal insulated  
Isodec Type 25A

Standard ALUDEC innercore, shielding the fibreglass insulated from the airstream. The outerjacket/vapour barrier is made of a very tough spirally reinforced multiple layer aluminium laminated

Diameter Range	62 mm to 508 mm
Temperature Range	-30° C to +140° C
Air Velocity	Max 30 m/sec
Working Pressure	Max 300 mm WG Min (D/30 - 25) x 9.81 Pa
Fibreglass Thickness	25mm
Fibreglass Density	16 kg/m <sup>3</sup>
Standard Length	10 metres packed into an individual carton
Fire Rating	SABS 0177 Part 3 Class 1



Thermal insulated  
Isodec Type 25P

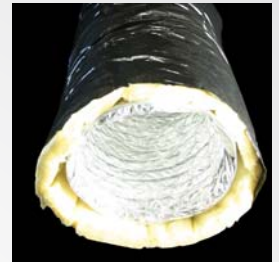
Standard ALUDEC innercore, shielding the fibreglass insulated from the airstream. The outerjacket/vapour barrier is made of a Polythene sheath.

Diameter Range	102 mm to 508 mm
Temperature Range	-30° C to +140° C
Air Velocity	Max 30 m/sec
Working Pressure	Max 250 mm WG Min (D/30 - 25) x 9.81 Pa
Fibreglass Thickness	25mm
Fibreglass Density	16 kg/m <sup>3</sup>
Standard Length	10 metres packed into an individual carton
Fire Rating (outer jacket)	None
Fire Rating (Inner Core)	SABS 0177 Part 3 Class 1

## FLEXIBLE DUCTING

Standard micro-perforated ALUDEC innercore, separating the fibreglass insulation from the airstream. Sonodec is the perfect combination of very high sound absorption and excellent thermal insulation. The outerjacket / vapour barrier is made of a polythene sheath.

Diameter Range	102 mm to 508 mm
Temperature Range	-30°C to +140° C
Air Velocity	Max 30 rn/sec
Working Pressure	Max 50 mm VVG Min (D/30 - 25) x 9.81 Pa
Fibreglass Thickness	25 mm
Fibreglass Density	16 kg/m3
Standard Length	10 metres packed into an individual carton
Fire Rating	None



Acoustic Insulated Sonodec Type 25P

Standard micro-perforated ALUDEC innercore, separating the fibreglass insulation from the airstream. Sonodec is the perfect combination of very high sound absorption and excellent thermal insulation. The outerjacket / vapour barrier is made of a very tough multiple layer of aluminium laminated construction.

Diameter Range	102 mm to 508 mm
Temperature Range	-30°C to +140° C
Air Velocity	Max 30 rn/sec
Working Pressure	Max 200 mm VVG Min (D/30 - 25) x 9.81 Pa
Fibreglass Thickness	25mm
Fibreglass Density	16 kg/m3
Standard Length	10 metres packed into an individual carton
Fire Rating	SABS 0177 Part 3 Class 1



Acoustic Insulated Sonodec Type 25A

New generation of Patented fully flexible easy to install Silencers, for alllow/mediurn/high pressure Air Conditioning and Ventilation systems, Standard micro-perforated ALUDEC innercore, separating the fibreglass insulation from the airstream, covered with a tough ALUDEC outerduct / vapour barrier with a unique sealing construction feature.

Diameter Range	102 mm to 356 mm
Temperature Range	-30°C to +140° C
Air Velocity	Max 30 m/sec
Working Pressure	Max 300 mm VVG Min (D/30 - 25) x 9.81 Pa
Fibreglass Thickness	25mm
Fibreglass Density	16 kg/m3
Standard Length	500, 1000, 1500, & 2000 mm, packed into an individual carton



Acoustic Insulated Flexible Attenuators Type GLX-25

Integrally encapsulated PVC outer cover for enhanced mechanical strength and thermal insulation. Combidec is suitable for low, medium and high pressure Heating, Ventilation and Airconditioning supply or extract systems, for use in both commercial and industrial applications.

Diameter Range	62 mm to 610 mm
Temperature Range	-30°C to +140° C
Air Velocity	Max 30 rn/sec
Working Pressure	Max 300 mm VVG Min (D/30 - 25) x 9.81 Pa
Material ALUDE	AS/CO-POLYMER laminate construction
Standard Length	10 metres packed into an individual carton
External colour	Grey
Fire Rating (Inner Core)	Grey
Fire Rating (Outer Re-inforcing)	Grey
	SABS 0177 Part 3 Class 1
	SABS 0177 Part 3 Class 4



Acoustic Insulated Combidec