

# PROFIT ON ALL FRONTS WITH THE UNIQUE, FLEXIBLE CONNECTION SYSTEMS: CONNECTDEC®

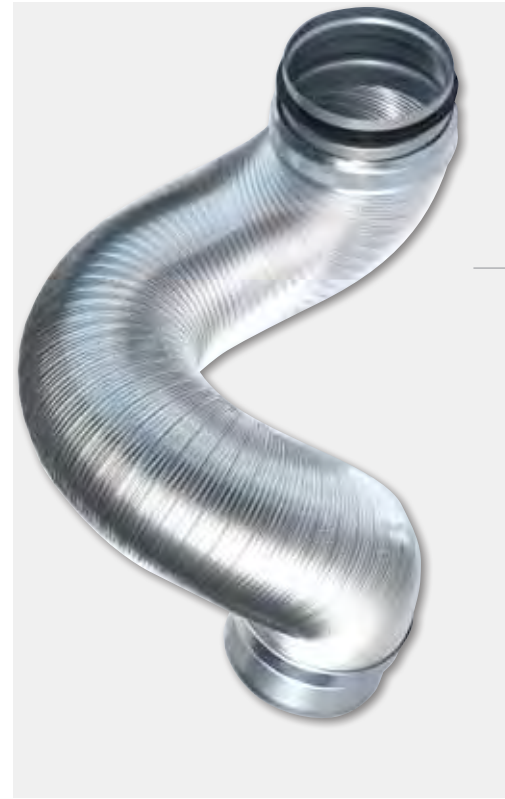
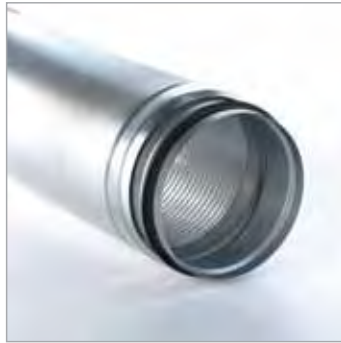
- EASE OF USE: "DIFFICULT" CONNECTIONS MADE IN NO TIME AT ALL
- AIR LEAKAGE REDUCED TO A MINIMUM AND NO CONDENSATION: THANKS TO THE UNIQUE CONNECTION AND INSULATION SLEEVE
- HIGH SOUND ATTENUATION: THANKS TO A SPECIAL SERIES OF SILENCERS



# The solution for sound attenuation

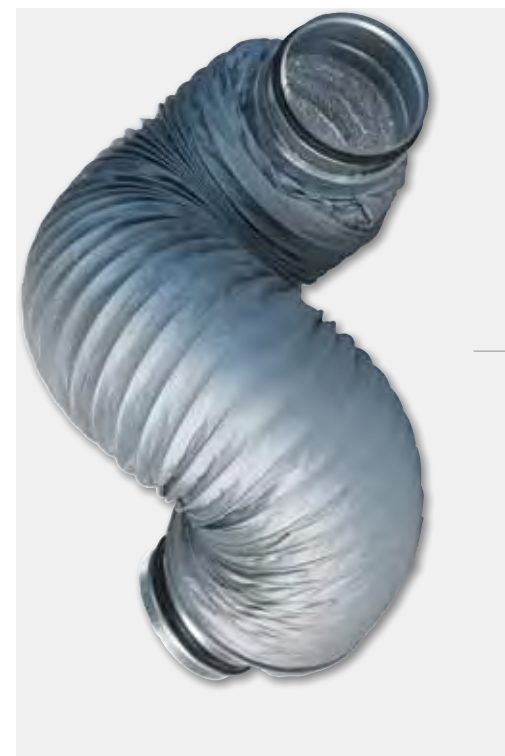
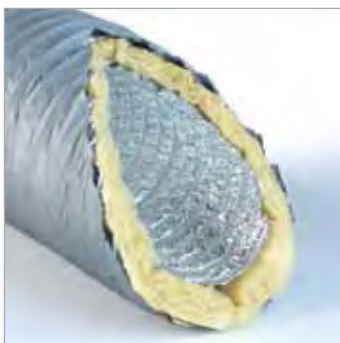
## Flexible connectors CONNECTDEC® type Compacdec®

- many connections possible: off plumb, bridging distances, axial or different angles etc.
- strong, multi-layer construction from durable aluminium.
- universal use in hVac installations, air exhaust systems, mechanical heating and cooling systems, air treatment systems, fume extraction etc.
- reduced failure costs.
- less engineering.



## Semi flexible silencers CONNECTDEC® type Combidec® GLX

- Exceptional attenuation.
- Very good wall reduction values.
- sound measurements in accordance with iso 7235 performed at peutz in the Netherlands.
- many connections possible: off plumb, axial or at an angle by varying the axial direction etc.
- strong, multi-layer laminated internal construction from durable aluminium.
- Outer jacket from durable, laminated aluminium with a Co-polymer external layer.
- universal use in hVac installations and WtW units, heat pumps, OEM machine construction etc.
- standard insulation 25 mm glass wool, 50 mm on request.



# enuation and bridging indetermin

The durable CONNECTDEC® connecting systems  
can be used with a number of series



## The male/female connections offer a lot of advantages

- fully airtight thanks to the rubber sealing ring.
- Very easy to install: no hose clamps required, sealing with tape is not necessary.
  - air leakage reduced to a minimum thus saving energy.
  - no condensation thanks to optional insulation sleeve.
- considerable savings on installation time and no failure costs.
- can be connected directly to dEc air valves such as the daV or dVsc .



There are three standard connection possibilities in accordance with EN1506 available for each series.



The insulation sleeve prevents condensation on installation components.

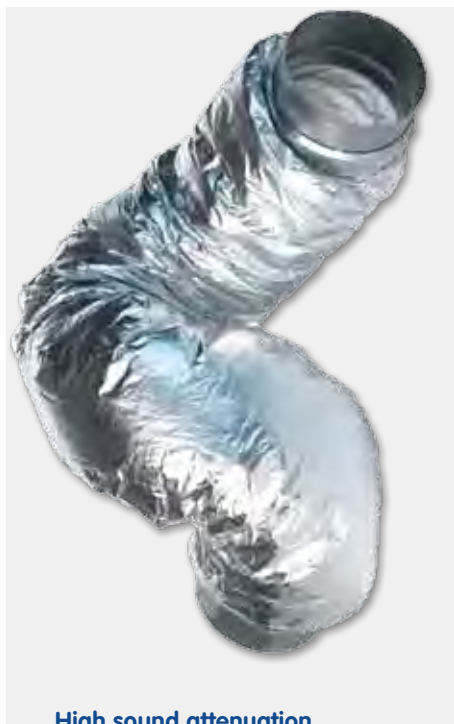
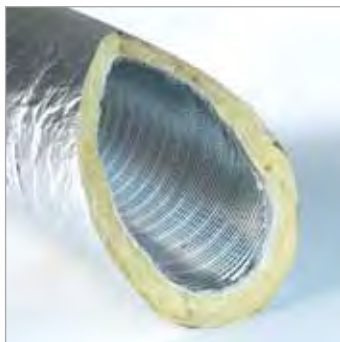


# ate distances and angles



## Semi flexible silencers CONNECTDEC® type Akudec®

- Exceptional attenuation and wall reduction.
- Excellent sound attenuation particularly in the low frequency range.
- sound measurements in accordance with iso 7235 performed at peutz in the netherlands.
- many connections possible: off plumb, axial or for all sorts of different angles and for bridging distances etc.
- strong, multi-layer construction from durable aluminium.
- universal use as silencer and attenuator in h Vac installations, ventilation systems, air treatment systems, OEM machine construction etc.
- standard insulation 25 mm glass wool, 50 mm on request.
- outer-jacket also available in co-polymer material.



High sound attenuation

## Flexible silencers CONNECTDEC® type Non-woven Insulated

- Exceptional attenuation and wall reduction.
- Excellent sound attenuation particularly in the low frequency range.
- sound measurements in accordance with iso 7235 performed at peutz in the netherlands.
- many connections possible: off plumb, axial or for all sorts of different angles and for bridging distances etc.
- strong construction from durable materials. non-woven inner duct, glass fibre reinforced outer-jacket.
- universal use in h Vac installations and WtW units, heat pumps, heat exchangers, hygienic applications, OEM machine construction, air treatment systems etc.
- standard insulation 25 mm glass wool, 50 mm on request.
- outer-jacket also available in co-polymer material.



# Technical data

## Flexible connectors

### CONNECTDEC® type Compacdec®

Temperature range	-30 to + 250 °C
Maximum working pressure	+ 3,000 Pa
Maximum air speed	30 m/s
Diameter range	80 – 315 mm
Standard length	0.5, 1 and 1.5 m
Minimum curve radius	1x Ø
Material construction	Multi-layer profiled aluminium
Terminal socket material	Galvanised steel
Standard colour	Aluminium

## Semi flexible silencers

### CONNECTDEC® type Combidec® GLX

Temperature range	-30 to + 140 °C
Maximum working pressure	+ 3,000 Pa
Maximum air speed	30 m/s
Diameter range	80 – 315 mm
Standard length	0.5, 1 and 1.5 m
Minimum curve radius	0.58 x Ø + thickness of insulation
Inner duct material	Laminated polyester + aluminium
Outer-jacket material	Laminated polyester + aluminium + co-polymer
Terminal socket material	Galvanised steel
Standard colour	Grey

## Semi flexible silencers

### CONNECTDEC® type Akudec®

Temperature range	-30 to + 140 °C
Maximum working pressure	+ 2,000 Pa
Maximum air speed	10 m/s
Diameter range	80 – 315 mm
Standard length	0.6 and 1.2 m
Minimum curve radius	1 x Ø + thickness of insulation
Inner duct material	Multi-layer profiled and perforated aluminium
Insulation materials	Glass wool, 25 mm thick
Outer-jacket material	Glass fibre reinforced laminated aluminium
Terminal socket material	Galvanised steel
Standard colour	Aluminium

## Flexible silencers CONNECTDEC®

### type Non-woven Insulated

Temperature range	-30 to + 140 °C
Maximum working pressure	+ 2,000 Pa
Maximum air speed	10 m/s
Diameter range	80 – 315 mm
Standard length	0.6 and 1.2 m
Minimum curve radius	0.58 x Ø + thickness of insulation
Inner duct material	Non-woven sheet
Insulation materials	Glass wool, 25 mm thick
Outer-jacket material	Glass fibre reinforced laminated aluminium
Terminal socket material	Galvanised steel
Standard colour	Aluminium

Please visit [www.decinternational.com](http://www.decinternational.com) for extensive technical information.

## DEC International®

World Marketing Headquarters

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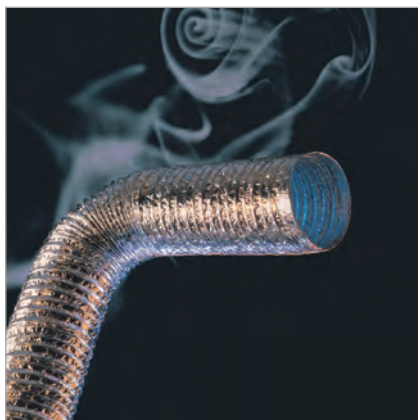
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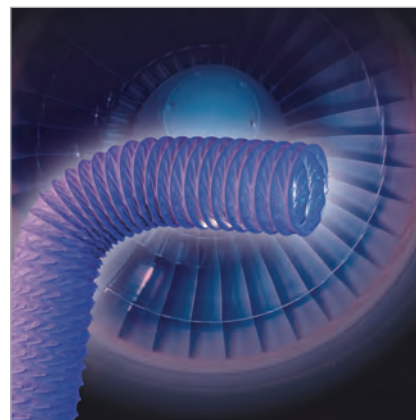
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Aludec®



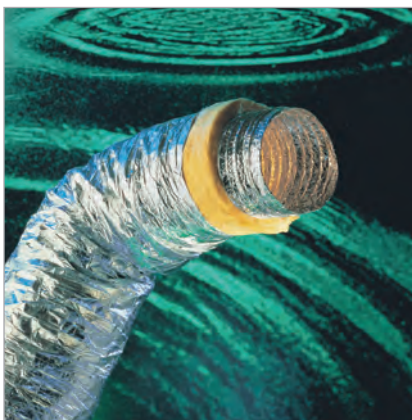
Combidec®



Greydec®



Isodec®



Sonodec®



Stretchdec/Compacdec®

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