

▶ Acoustic Flexible Ducting

PRODUCT CODE(S)

GMVF16A, GMVF17A, GMVF18A, GMVF20A

Acoustic Flexible Ducting protects air against heat loss inside the ventilation ductwork. The perforation improves the sound-insulating performance. The product includes a 25 mm thick insulation with aluminium polyester cladding. It is generally intended for building connections for plenum boxes, air valves, or high-air-flow heat recovery ventilation systems.

Packaging: 10 metre sections compressed to 1.2 metres and packed in cardboard boxes.

Flexibility (winding diameter): Depends on the actual duct outer diameter, i.e. ca. 0.75D (mm).

Temperature range: -30°C to +140°C.

Maximum acceptable vacuum: Depending on the duct routing. For straight runs, 1/3 of the pressure transferred at the specific diameter can be taken.

Sound insulation: See diagram on page 2.

Fire classification references: Tested to European M1.

In the event of a fire, no toxic gases are emitted.



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|---------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Length | 10 metres | 10 metres | 10 metres | 10 metres | 10 metres |
| Size | 100mm Ø | 125mm Ø | 150mm Ø | 200mm Ø | 250mm Ø |
| Positive Working Pressure | 3000 Pa (Max) | 3000 Pa (Max) | 3000 Pa (Max) | 3000 Pa (Max) | 3000 Pa (Max) |
| Air Velocity (Max) | 30 m/sec | 30 m/sec | 30 m/sec | 30 m/sec | 30 m/sec |
| Construction | TFF Inner & Aluminium/Polyester Outer | TFF Inner & Aluminium/Polyester Outer | TFF Inner & Aluminium/Polyester Outer | TFF Inner & Aluminium/Polyester Outer | TFF Inner & Aluminium/Polyester Outer |

The information in this datasheet is intended for reference purposes only and may be modified at any time without prior notice or obligation. All data is provided in good faith and is accurate to the best of our knowledge at the time of release.

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TECHNICAL SPECIFICATIONS:

Sound insulation performance charts

The charts show the noise levels for Acoustic Flexible Ducting in relation to the duct section length sizes of 500 mm, 1000 mm and 1500 mm with the sound insulation thickness of ca. 25 mm.

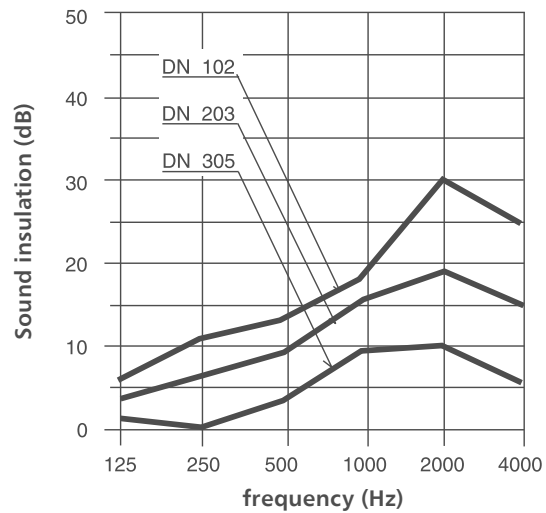


Chart 1: Noise levels in Acoustic Flexible Ducting
Sound insulation thickness: 25 mm
Duct section length: 500 mm

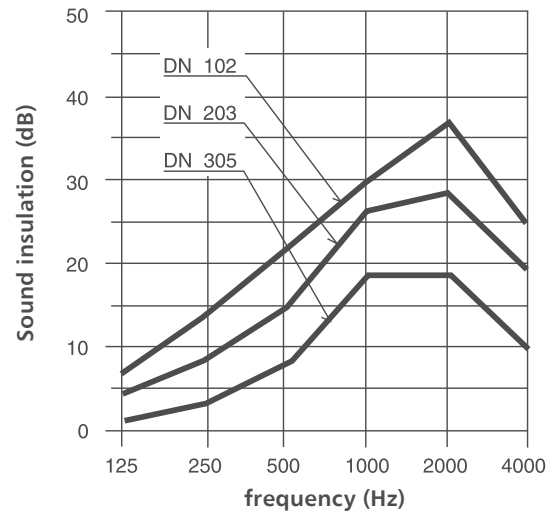


Chart 2: Noise levels in Acoustic Flexible Ducting
Sound insulation thickness: 25 mm
Duct section length: 1000 mm

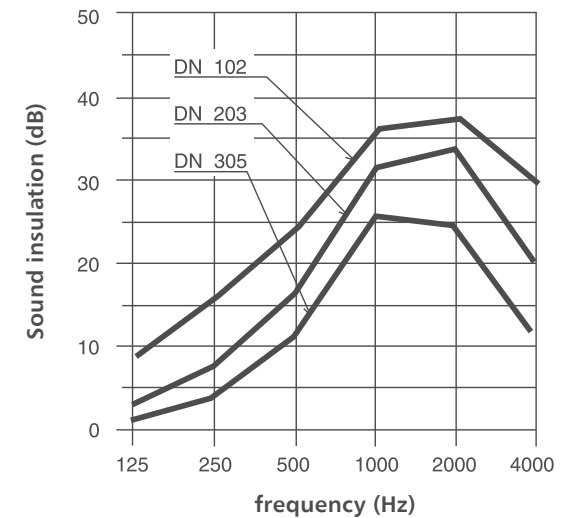


Chart 3: Noise levels in Acoustic Flexible Ducting
Sound insulation thickness: 25 mm
Duct section length: 1500 mm