



PVC GREY ISO G1SRPE THERMAL INSULATED DUCTING

The **PVC GREY ISO**: Fully flexible high quality factory insulated duct for all low/medium pressure air-conditioning and ventilation systems requiring thermal insulation. **Also available with M1 foil.**

- Fast and easy to install over either round or oval connections.
- Tough and air tight with smooth core giving low friction loss and lower operation costs.

Construction:

G1SRPE: Single layer of a strong **reinforced** 'Grey PolyVinylChlorid co-polymer' encapsulating a high tensile steel wire helix. Outer vapour barrier of tough 'Grey PE co-polymer construction'.

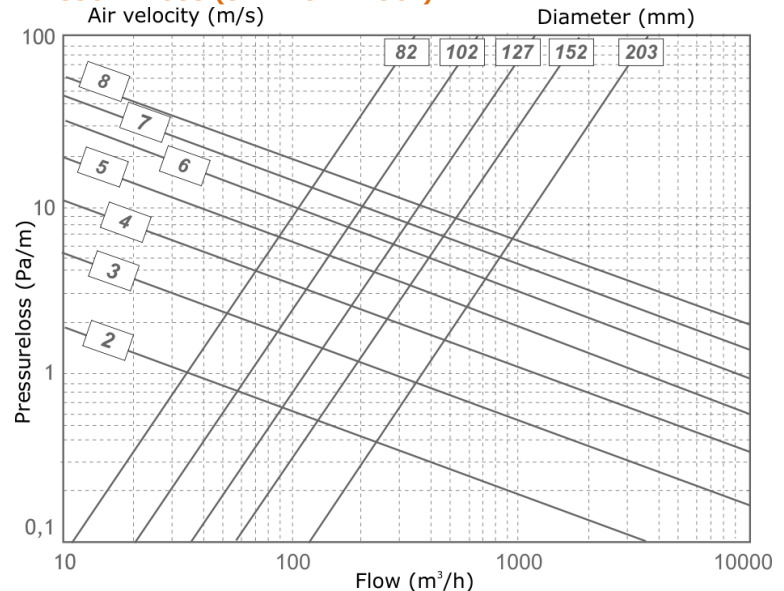
SPECIFICATIONS

Article code:	G1SRPE{Ø}
Temperature range:	-30 °C to 70 °C
Operating pressure:	up to +2500 Pa
Operating air velocity:	max. 25 m/s
Min. bending radius:	0.56 x Ø + 25mm
Standard diameter range:	82 – 203mm
Standard length:	6 mtr

CONSTRUCTION

Inner duct:	1 Layer PVC
Glass wool blanket:	25mm, 16kg/m³
Outer jacket:	1 Layer PE
R-value glass wool:	0.65 m² K/W (ASTM C177-76)
Appearance:	Grey

PRESSURE LOSS (STRAIGHT DUCT)



The **PVC GREY** fulfills all the requirements and are classified as specified within EN 13180:

Ventilation for buildings – Ductwork - Dimensions and mechanical requirements for flexible ducts.

The **PVC GREY** is also available, on request, with a 50 mm glass wool layer, the article number is: G1SRPE50{Ø}

R-value glass wool: 1.3 (50 mm) m² K/W (ASTM C177-76).

LIABILITY:

The information contained in this brochure was current on the publication date. DEC INTERNATIONAL reserves the right to make changes in details at any time without prior notice. In order to avoid misunderstandings, any interested party is advised to contact DEC INTERNATIONAL checking for any changes in materials and/or information after this brochure was published.

PLEASE NOTICE:

The consultant is responsible for the actual installation and mounting of the product. The mentioned values with respect to temperatures are not appropriate to be used to determine the physical properties. These properties are also dependent on humidity and the temperature of the air inside and outside of the H.V.A.C. system.

TRADEMARKS:

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RESTRICTIONS:

The PVC GREY ducts are not suitable for discharging combustion products from open fireplaces and oil-fired boilers. Neither are the ISODEC ducts suitable for transporting air with a high concentration of acid and base.